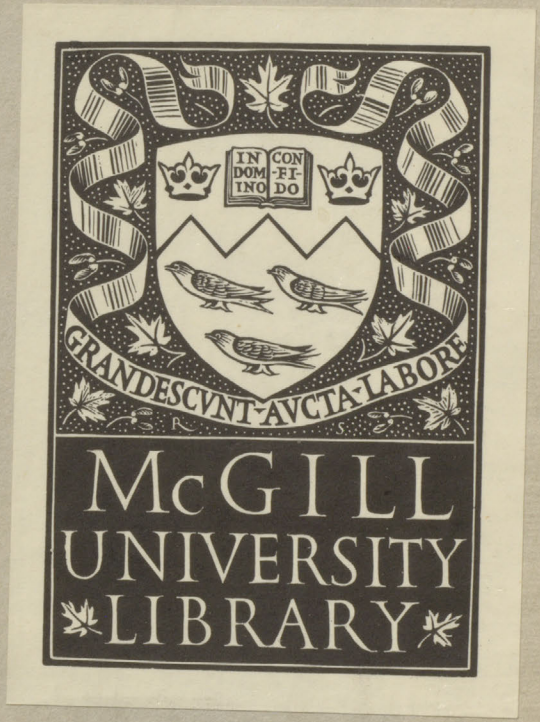
McGill University

Montreal



Calendar

1958-1959


IN DOMINO CONFIDO
GRANDESCVNT-AVCTA-LABORE
McGILL
UNIVERSITY
LIBRARY

McGill University

Montreal



Calendar

1958-1959

Published by the University

Printed in Canada by
THE SOUTHAM PRINTING COMPANY LIMITED, MONTREAL DIVISION

TABLE OF CONTENTS

	Page
Directory of Staff	1
Administrative Officers of the University	3
Board of Governors	4
Senate	7
Graduates' Society	14
Emeritus Professors and Officers of Instruction (1957-1958)	41
History and Government of the University	191, 192
Incorporated and Affiliated Colleges	193
Institutes Affiliated with the University	194
University Library	196
University Museums	197
General Information about the University	301
Fees	302
Board and Residence	306
Health Service	311
Calendar of Dates	315
General Announcement	401
Alphabetical Index of Booklet	403
Brief Description of the University	409
Outline of Faculties and Schools	411
Application for Admission to all Faculties	419
School Certificate Examinations (1958)	501
Junior School Certificate Examinations	509
Senior School Certificate Examinations	532
Scholarships, Bursaries, Prizes, and Medals	601
Table of Contents of Announcement	603
Alphabetical Index of Awards	714

465977

McGill University

Montreal

Directory of Staff

McGill University



Montreal

Directory of Staff

McGill University
Montreal



NOTE REGARDING REVISIONS

The entries on pages 1 to 16 have been revised to 1st September, 1958.

Pages 41 to 106 are, for technical reasons, reprinted without change from the 1957-1958 Directory of Staff.

Directory of Staff

ADMINISTRATIVE OFFICERS

Session 1958-1959

THE UNIVERSITY

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com. (Lond.), M.A., Ph.D.(Penn.), D.Sc. (Laval, etc.), D. de l'U. (Montréal), D.C.L. (Bishop's), LL.D. (Toronto, Glasgow, etc.), F.R.S.C. *Principal*

David L. Thomson, B.Sc., M.A. (Aberdeen), Ph.D. (Cantab.), LL.D. (Aberdeen and Middlebury), F.C.I.C., F.R.S.C. *Vice-Principal*

George Grimson, B.Com. *Comptroller*

John H. Holton, B.Com. (Tor.) *Secretary of the Board of Governors*

R. G. Defries, Ing. E.T.P. (Paris) *Superintendent of Buildings and Grounds*

Colin M. McDougall, D.S.O., B.A. *Registrar*

Muriel V. Roscoe, A.M., Ph.D. (Radcliffe), D.Sc. (Acadia), LL.D. (Queen's) *Warden of the Royal Victoria College*

W. Stanford Reid, Th.M. (Westminster), Ph.D. (Pennsylvania), M.A. *Warden of Douglas Hall*

Richard Pennington, B.A. (Birmingham), Lib.Dip. (Lond.) *Librarian*

E. Clifford Knowles, B.D. (Tor.), D.D. (U.T.C.), M.A. *University Chaplain and Student Counsellor*

R. C. Coleman, D.S.O., M.C., LL.B. (Dalhousie), B.A. *Director of the University Placement Service*

F. S. Howes, Ph.D. (Lond.), B.Eng., M.Sc. *Director of University Extension*

GOVERNING BODY OF THE UNIVERSITY

(As at 1 September, 1958)

VISITOR

His Excellency the Right Honourable Vincent Massey, C.H., Governor General of Canada

THE BOARD OF GOVERNORS

R. E. Powell, D.Litt. (Monmouth), LL.D. — *Chancellor*

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Laval, etc.), D. de l'U. (Montréal), D.C.L. (Bishop's), LL.D. (Toronto, Glasgow, etc.), F.R.S.C.
Principal and Vice-Chancellor

J. W. McConnell
Walter M. Stewart
Hon. A. K. Hugessen, Q.C., B.A., B.C.L.
Ross Clarkson
J. D. Johnson, LL.D.
Sydney G. Dobson
James E. Eccles, A.B. (Harvard), LL.D.
G. Blair Gordon, B.Sc.
John R. Fraser, M.D., C.M., F.R.C.S. (C.), F.A.C.S., F.R.C.O.G.
Hon. Hartland de M. Molson
B. C. Gardner, M.C., D.C.L. (Bishop's), LL.D., *Chancellor 1952-1957*
R. Ewart Stavert, B.Sc.
J. A. Fuller, A.B. (Princeton)
Colin W. Webster, B.A.
T. R. McLagan, O.B.E., B.Sc.
W. Taylor-Bailey, B.Sc.
G. W. Bourke, B.A.
Henry G. Birks
N. R. Crump, M.E., D.Eng. (Purdue), LL.D. (Queen's), D.Sc. (Laval), D.C.L. (Bishop's)
S. Boyd Millen, B.A., B.C.L.
John V. Galley, B.Sc.
D. W. Ambridge, C.B.E., B.Sc.

Secretary: J. H. Holton

PRINCIPAL

F. Cyril James, Ph.D., D.Sc., D.C.L., D de l'U., F.R.S.C.

STANDING COMMITTEES OF THE BOARD OF GOVERNORS

(As at 1 September, 1958)

EXECUTIVE AND FINANCE COMMITTEE

THE CHANCELLOR, *Chairman*
THE PRINCIPAL, *Vice-Chairman*
J. W. MCCONNELL
J. D. JOHNSON
S. G. DOBSON
JOHN R. FRASER
B. C. GARDNER
J. H. HOLTON, *Secretary*

INVESTMENT COMMITTEE

G. W. BOURKE, *Chairman*
THE CHANCELLOR
THE PRINCIPAL
ROSS CLARKSON
SYDNEY G. DOBSON
R. E. STAVERT
C. W. WEBSTER
J. H. HOLTON, *Secretary*

REAL ESTATE INVESTMENT COMMITTEE

HENRY G. BIRKS, *Chairman*
THE CHANCELLOR
THE PRINCIPAL
J. A. ECCLES
H. DE M. MOLSON
ROSS CLARKSON
H. B. MCLEAN
HENRY W. MORGAN
J. H. HOLTON, *Secretary*

BUILDING COMMITTEE

J. D. JOHNSON, *Chairman*
THE CHANCELLOR
THE PRINCIPAL
G. BLAIR GORDON
J. A. FULLER
T. R. MCLAGAN
W. TAYLOR-BAILEY
E. A. LESLIE
J. H. HOLTON, *Secretary*

PENSIONS COMMITTEE

G. W. BOURKE, *Chairman*
THE CHANCELLOR
THE PRINCIPAL
A. K. HUGESSEN
H. DE M. MOLSON
J. A. FULLER
C. W. WEBSTER
HUGH CROMBIE
J. H. HOLTON, *Secretary*

DEVELOPMENT COMMITTEE

THE CHANCELLOR
THE PRINCIPAL
J. D. JOHNSON
G. B. GORDON
H. DE M. MOLSON
B. C. GARDNER
J. A. FULLER
F. G. FERRABEE
HUGH CROMBIE
HERBERT H. LANK
EDWARD C. WOOD
J. H. HOLTON, *Secretary*

McGILL FUND COMMITTEE

S. G. DOBSON, *Chairman*
THE CHANCELLOR, *Ex-officio*
THE PRINCIPAL, *Ex-officio*
J. W. MCCONNELL, *Ex-officio*
G. BLAIR GORDON
H. DE M. MOLSON
COLIN WEBSTER
T. R. MCLAGAN
R. E. STAVERT
J. A. FULLER
SECRETARY OF BOARD OF GOVERNORS

CECIL T. MEDLAR, *Secretary*

ADVISORY COUNCIL FOR THE SCHOOL OF COMMERCE

THE PRINCIPAL, *Acting Chairman*
W. A. ARBUCKLE
GORDON BALL
L. J. BELNAP
SAMUEL BRONFMAN
JOHN R. CHURCH
H. NORMAN DAVIS
NORMAN DAWES
FREDERICK JOHNSON
VERNON JOHNSON
E. W. KIERANS
HERBERT H. LANK
ANSON MCKIM
BARTLETT MORGAN
JAMES MUIR
DEANE NESBITT
JACK PEMBROKE
H. GREVILLE SMITH
F. B. WALLS
H. G. WELSFORD
J. B. WHITE
EDWARD C. WOOD
W. H. PUGSLEY, *Secretary*

SENATE (Session 1958-59)

EX-OFFICIO MEMBERS

R. E. Powell	*Chancellor*
F. Cyril James (*Chairman*)	*Principal and Vice-Chancellor*
H. G. Dion	*Dean of Agriculture*
H. N. Fieldhouse	*Dean of Arts and Science*
James McCutcheon	*Dean of Dentistry*
S. B. Frost	*Dean of Divinity*
D. L. Mordell	*Dean of Engineering*
D. L. Thomson	*Dean of Graduate Studies and Research*
W. C. J. Meredith	*Dean of Law*
L. G. Stevenson	*Dean of Medicine*
Marvin Duchow	*Dean of Music*
Muriel V. Roscoe	*Warden of the Royal Victoria College*
D. C. Munroe	*Director of the Institute of Education*
F. S. Howes	*Director of University Extension*
John Stanley	*Group Chairman (Biological Sciences)*
J. E. L. Launay	*Group Chairman (Humanities)*
C. A. Winkler	*Group Chairman (Physical Sciences)*
F. K. Hare	*Group Chairman (Social Studies and Commerce)*

ELECTED MEMBERS

S. G. Dobson	*Governor*
J. A. Fuller	*Governor*
G. Blair Gordon	*Governor*
John R. Fraser	*Governor*
R. Ewart Stavert	*Governor*
William Rowles	*Agriculture*
H. D. Woods	*Arts and Science (Arts)*
D. O. Hebb	*Arts and Science (Science)*
William Bruce	*Engineering*
J. U. MacEwan	*Engineering*
Maxwell Cohen	*Law*
J. S. L. Browne	*Medicine*
F. C. MacIntosh	*Medicine*

Secretary; The Registrar

STANDING COMMITTEES OF SENATE (Session 1958-59)

(The Principal is ex-officio a member of all Senate Committees)

ADVISORY COMMITTEE ON AGRICULTURE (Macdonald College)

H. G. Dion, Vice-Principal, Macdonald College, *Chairman*

The Principal

W. H. Cook, O.B.E., M.Sc., Ph.D., LL.D., F.R.S.C., Ottawa, representing the National Research Council

Georges Gauthier, D.Sc., representing the Quebec Department of Agriculture

René Trépanier, B.S.A., representing the Quebec Department of Agriculture

R. R. Ness, Howick, Que., representing the livestock-farming industry

Morley Honey, Abbotsford, Que., representing the fruit-farming industry

K. W. Neatby, M.S.A., Ph.D., LL.D., F.R.S.C., Director of Science Service, Department of Agriculture, Ottawa

JOINT COMMITTEE ON THE INSTITUTE OF PARASITOLOGY

D. L. Thomson, Vice Principal, McGill University, *Chairman*

H. G. Dion, Vice-Principal, Macdonald College

W. H. Cook, O.B.E., Ph.D., LL.D., F.R.S.C., Director, Division of Applied Biology, National Research Council

E. W. Crampton, Chairman, Department of Nutrition, McGill University

R. B. Miller, M.A., Ph.D., Professor of Zoology, University of Alberta

E. G. D. Murray, O.B.E., M.A., L.M.S.S.A., F.R.S.C., Research Professor, University of Western Ontario.

R. B. Griffths, B.Eng., National Research Council, *Secretary*

EATON ELECTRONICS RESEARCH LABORATORY COMMITTEE

The Principal, *Chairman*

D. A. Keys, M.A., Ph.D., D.Sc., F.R.S.C.

O. M. Solandt, O.B.E., M.D., D.Sc., LL.D., F.R.S.C.

B. G. Ballard, O.B.E., D.Sc., F.I.R.E., F.A.I.E.E.

J. S. Foster

D. L. Thomson

A. H. Zimmerman, B.Sc.

G. A. Woonton, *Secretary*

ATHLETICS BOARD

S. Boyd Millen, *Chairman*
The Principal
J. W. Boyes
R. de Wolfe Mackay
J. W. Miller
R. G. K. Morrison
Melvin Rothman
Laird Watt
The President of the Students' Society
The Chairman of the Students' Athletics Council
The Chairman of the Intercollegiate Athletics Council
The Director of Athletics, *Secretary*

REFERENCE COMMITTEE ON ATHLETICS

R. G. K. Morrison, *Chairman*
J. W. Miller
D. C. Munroe

WOMEN'S ATHLETICS BOARD

The Warden of the Royal Victoria College, *Chairman*
The Director of Athletics and Physical Education for Women, *Vice-Chairman*
The Principal
Dr. Joan Marsden
The President of the Women's Union
The President of the M.W.S.A.A.
Two representatives of the Alumnae Society
One member elected by the women students
Gladys Bean, *Secretary*

UNIVERSITY BOOK STORE COMMITTEE

W. S. Reid, *Chairman*
The Principal
The Comptroller
The Manager of the Book Store
The President of the Students' Society
L. G. Stevenson
A. R. Edis
R. D. Gibbs

COMMITTEE OF DEANS

The Principal, *Chairman*
H. G. Dion
Marvin Duchow
H. N. Fieldhouse
S. B. Frost
James McCutcheon
W. C. J. Meredith
D. L. Mordell
L. G. Stevenson
D. L. Thomson

COMMITTEE ON EXTENSION LECTURES

F. S. Howes, *Chairman*
The Principal
H. R. C. Avison
K. F. Byrd
H. G. Dion
H. N. Fieldhouse
E. W. Kierans
J. E. L. Launay
A. R. Edis
The Registrar, *Secretary*

JOINT SERVICES UNIVERSITY TRAINING COMMITTEE

The Principal, *Chairman*
H. N. Fieldhouse
R. G. K. Morrison
Lieut. Com. J. L. M. Lafleche, R.C.N.
Lt.-Col. W. A. Campbell
W/C C. D. Solin
A Representative from the Royal Canadian Navy or Naval Reserve
A Representative from the Army
A Representative from the Royal Canadian Air Force
The Registrar, *Secretary*

UNIVERSITY LIBRARIES COMMITTEE

D. L. Thomson, *Chairman*
The Principal
Joyce Hemlow
T. J. F. Pavlasek
Richard Pennington
L. G. Stevenson
The Registrar, *Secretary*

MACDONALD COLLEGE LIBRARY COMMITTEE

D. C. Munroe, *Chairman*
The Principal
W. A. DeLong
H. G. Dion
D. L. Thomson
Helen R. Neilson
Richard Pennington
Margaret MacIntosh, *Secretary*

LODGINGS COMMITTEE

E. C. Knowles, *Chairman*
The Principal
G. E. LeDain
C. D. Solin
A Representative of the Montreal Branch of the Graduates' Society
A Representative of the McGill Alumnae Society
A Student Representative
The Registrar, *Secretary*

LYMAN ENTOMOLOGICAL COMMITTEE

John Stanley, *Chairman*
The Principal
Robert Glen
D. K. M. Kevan
F. O. Morrison
B. N. Smallman
George A. Moore, *Secretary*

MATRICULATION BOARD

E. R. Pounder, *Chairman*
The Principal
H. N. Fieldhouse
R. D. Gibbs
F. K. Hare
J. E. L. Launay
P. F. McCullagh
C. M. McDougall
G. W. Joly
C. D. Solin
R. S. Walker
C. A. Winkler
Virginia Cameron, *Secretary*

UNIVERSITY MUSEUMS COMMITTEE

Maxwell Dunbar, *Chairman*
The Principal
N. J. Berrill
J. I. Cooper
Jacob Fried
Duncan Hodgson
F. M. Hutchins
L. G. Mickles
F. Cleveland Morgan
F. K. Hare
David Stewart
Alice Turnham, *Secretary*

UNIVERSITY PLACEMENT COMMITTEE

E. C. Webster, *Chairman*
The Principal
Louis Baudouin
S. M. Banfill
Carleton Craig
L. H. Hamilton
R. K. Holcomb
E. W. Kierans
E. C. Knowles
C. M. McDougall

R. C. Coleman, *Secretary*

UNIVERSITY SCHOLARSHIPS COMMITTEE

Muriel V. Roscoe, *Chairman*
The Principal
S. M. Banfill
J. M. Boyes
William Bruce
J. L. de Stein
J. H. Holton
E. C. Knowles
P. F. McCullagh
J. R. Mallory
K. S. L. Gunn
Herbert Tate

The Registrar, *Secretary*

COMMITTEE ON STUDENT ACTIVITIES

The Principal, *Chairman*
H. N. Fieldhouse
D. L. Mordell
Muriel V. Roscoe
W. Stanford Reid
L. G. Stevenson

The President of the Students' Society
The President of the Women's Union

The Registrar, *Secretary*

COMMITTEE ON STUDENT HEALTH

R. V. Christie, *Chairman*
The Principal
D. Ewen Cameron
H. N. Fieldhouse
James McCutcheon
D. L. Mordell
W. S. Reid
Muriel V. Roscoe
L. G. Stevenson
R. P. Vivian

The Registrar, *Secretary*

UNIVERSITY TIME-TABLE COMMITTEE

HERBERT TATE, *Chairman*
S. M. BANFILL
E. F. BEACH
E. W. CRAMPTON
D. A. SELBY

STANDING COMMITTEE ON RETIREMENTS

ROBERT H. COMMON, *Chairman*
WILLIAM BRUCE
MAXWELL COHEN
H. D. WOODS

HONORARY DEGREE COMMITTEE

THE CHANCELLOR
THE PRINCIPAL
H. G. DION
H. N. FIELDHOUSE
D. L. MORDELL
W. C. J. MEREDITH
L. G. STEVENSON
D. L. THOMSON
THE REGISTRAR, *Secretary*

THE INVIGILATION COMMITTEE

THE REGISTRAR, *Chairman*
S. M. BANFILL
J. G. CASTEL
JOHN C. CHERNA
COLIN D. GORDON
VIRGINIA CAMERON, *Secretary*

GRADUATES' SOCIETY

OFFICERS AND BOARD OF DIRECTORS—1958-1959

OFFICERS

President	Drummond Giles, B.Sc. '27
Past President	Douglas W. Ambridge, C.B.E., B.Sc. '23
First Vice-President	Stuart M. Finlayson, B.Sc. '24
Second Vice-President	Alan D. McCall, B.Sc. '24
Alumnae Vice-President	Mrs. F. G. Ferrabee, B.A. '26
Honorary Secretary	James O'Halloran, B.Sc. '21
Honorary Treasurer	John A. Laing, B.Com. '33

Representatives on the Board of Governors of the University:

John V. Galley, B.Sc. '20

S. Boyd Millen, O.B.E., B.A. '27, B.C.L. '30

D. W. Ambridge. C.B.E., B.Sc. '23

Regional Vice-Presidents:

Eldon M. Taylor, B.S.A. '18

H. C. Monk, B.Com. '38

Charles Petch, O.B.E., B.Com. '28

A. H. Galley, B.Com. '24

Harry M. Boyce, B.Com. '30

Stuart E. Kay, B.Sc. '21

Joseph R. Scott, B.A. '37

George G. Ulmer, B.Sc. '18

Arthur Dobson, B.Sc. '10

OFFICERS OF THE GRADUATES' SOCIETY, 1958-59

MEMBERS OF THE BOARD OF DIRECTORS

W. C. Bushell, D.D.S. '24

Roy Crabtree, B.Sc. '38

F. Ryland Daniels, B.Com. '30

Rene Dupuis, Sci. '23

C. Alex Duff, B.Sc. '37

Eric L. Hamilton, B.Com. '34

H. E. Herschorn, O.B.E., B.A. '11, B.C.L. '14

R. D. McKenna, M.D. '38

Robert F. Shaw, B.Eng. '33

Roy M. L. Heenan, B.A. '57, *President, Students' Society*

F. G. Ferrabee, B.Sc. '24, *Chairman, Honours and Awards Committee*

J. G. Notman, O.B.E., B.Sc. '22, *Chairman, Alma Mater Fund*

Mrs. D. M. deC. Legate, B.A. '27, *President, Montreal Alumnae*

James H. Wilding, B.Sc. Agr. '54, *President, Macdonald College Branch*

R. W. Stevenson, B.A. '49, *President, Montreal Branch*

General Secretary — D. Lorne Gales, B.A. '32, B.C.L. '35

Assistant General Secretary — Elizabeth B. McNab, B.A. '41

BUILDING ADDRESSES

Most buildings in which staff offices are situated are on the Campus, but some buildings, particularly hospitals affiliated with the University, are not. In order to be of assistance to people seeking to locate offices, the following brief list of street addresses has been compiled.

McGILL BUILDINGS HAVING STREET ADDRESSES:

ALLAN MEMORIAL INSTITUTE OF PSYCHIATRY: *1025 Pine Ave. W.*

BEATTY HALL: *1266 Pine Ave. W.*

BISHOP MOUNTAIN HOUSE: *3485 University St.*

CHANCELLOR DAY HALL: *3644 Peel St.*

CONSERVATORIUM OF MUSIC: *3450 Drummond St.*

(SIR ARTHUR) CURRIE GYMNASIUM: *475 Pine Ave. W.*

DIVINITY HALL: *3520 University St.*

DUGGAN HOUSE: *3724 McTavish St.*

McCORD MUSEUM: *3607 Drummond St.*

MENTAL HYGIENE INSTITUTE: *531 Pine Ave. W.*

MONTREAL CHILDREN'S HOSPITAL: *2300 Tupper St.*

MONTREAL GENERAL HOSPITAL: *1650 Cedar Ave.*

MONTREAL NEUROLOGICAL INSTITUTE: *3801 University St.*

PATHOLOGICAL INSTITUTE: *3775 University St.*

PETERSON HALL: *3684 McTavish St.*

PULP AND PAPER RESEARCH INSTITUTE: *3420 University St.*

PURVIS HALL: *1020 Pine Ave. W.*

QUEEN ELIZABETH HOSPITAL: *2100 Marlowe Ave., N.D.G.*

QUEEN MARY VETERANS HOSPITAL: *4565 Queen Mary Rd.*

REDDY MEMORIAL HOSPITAL: *4039 Tupper St., Westmount*

RESEARCH INSTITUTE OF McGILL UNIVERSITY AND THE MONTREAL GENERAL HOSPITAL: *3619 University St.*

ROYAL EDWARD LAURENTIAN HOSPITAL: *3674 St. Urbain St.*

ROYAL VICTORIA COLLEGE: *555 Sherbrooke St. W.*

ROYAL VICTORIA HOSPITAL: *687 Pine Ave. W.*

SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY: *3654 Drummond St.*

ST. MARY'S HOSPITAL: *3830 Lacombe Ave.*

VERDUN PROTESTANT HOSPITAL: *6875 Lasalle Blvd., Verdun*

EMERITUS PROFESSORS

Degrees received from McGill University carry no institutional designation and are placed after those received elsewhere.

DAVID H. BALLON, B.A., M.D., C.M., F.A.C.S., F.R.C.S.(C.)
Emeritus Professor of Otolaryngology 4687 Bonavista Ave.

ALFRED T. BAZIN, D.S.O., M.D., C.M., LL.D., F.R.C.S. (C.)
Emeritus Professor of Surgery 1414 Drummond St.

WESLEY BOURNE, M.Sc., M.D., C.M., F.R.C.P.(C.)
Emeritus Professor of Anaesthesia 4100 Cote des Neiges Rd.

CLARENCE VICTOR CHRISTIE, M.A. (Dalhousie), B.Sc.
Emeritus Professor of Electrical Engineering 87 Holton Ave., Westmount

CHARLES EDMUND FRYER, M.A., Ph.D. (Harvard), F.R.Hist.S.
Emeritus Professor of History
8452 Kirkwood Drive, Laurel Canyon, Los Angeles 46, California

LUCIE TOUREN FURNESS (MRS. A. W.), Licenciée-ès-Lettres (Paris)
Emeritus Professor of Romance Languages 3558 Grey Ave.

ALTON GOLDBLOOM, B.A., M.D., C.M., F.A.A.P., F.R.C.P.(C.)
Emeritus Professor of Paediatrics Apt. B 37, 3980 Cote des Neiges Rd.

WILLEM LAURENS GRAFF, Ph.D. (Louvain)
Emeritus Professor of German

RICHARD PERCIVAL DEVEREUX GRAHAM, B.A. (Oxon.), D.Sc., F.R.S.C.
Emeritus Professor of Mineralogy 775 Davaar Ave., Outremont

HAROLD R. GRIFFITH, M.M., M.D. (Hahnemann, Phila.), B.A., M.D., C.M., F.A.C.A., F.I.C.A., F.F.A.R.C.S.
Emeritus Professor of Anaesthesia Queen Elizabeth Hospital

FREDERICK GEORGE HENRY, D.D.S. (Bishop's), D.D.S.
Emeritus Professor of Dentistry 1508 Crescent St.

DOROTHY KING, O.B.E., B.Sc., M.A., Dipl. N.Y. Sch. Soc. Work
Emeritus Professor of Social Work
Suite 3, 1029 Linden Ave., Victoria, B.C.

ARTHUR STANLEY LAMB, B.P.E. (Springfield), M.D., C.M.
Emeritus Professor of Physical Education
233 St. Anne Rd., Ste. Anne de Bellevue

JOHN ERNEST LATTIMER, B.S.A. (Tor.), M.Sc., Ph.D. (Wisconsin), F.R.E.S.
Emeritus Professor of Agricultural Economics
47 Thornhill Ave., Westmount

JONATHAN C. MEAKINS, M.D., C.M., M.D. (Syd.), LL.D. (Edin.), F.A.C.P., F.R.C.P. (C., Edin. and Lond.), Hon. F.R.C.S. (Edin.), F.R.S.C., F.R.S.E.
Emeritus Professor of Medicine 1321 Sherbrooke St. W.

G. GAVIN MILLER, M.D., C.M., M.Sc., F.A.C.S., F.R.C.S. (C.)
Emeritus Professor of Surgery Apt. E 100, 1321 Sherbrooke St. W.

NEWELL WELLAND PHILPOTT, M.D. (Laval), M.D., C.M., F.R.C.O.G., F.A.C.S., F.R.C.S. (C.)
Emeritus Professor of Obstetrics and Gynaecology *Royal Victoria Hospital*

WALTER DEM. SCRIVER, M.A., M.D., C.M., F.A.C.P., F.R.C.P. (C.)
Emeritus Professor of Medicine 1374 Sherbrooke St. W.

RAYMOND L. STEHLE, M.A. (Ohio State), Ph.D. (Yale).
Emeritus Professor of Pharmacology Stowe, Vermont

ARNOLD WAINWRIGHT, Q.C., B.A., B.C.L.
Emeritus Professor of the Law of Evidence 1614 Seaforth Ave.

ARTHUR LAMBERT WALSH, D.D.S. (Montreal), F.A.C.D. (Amer. Coll. of Dent.), D.D.S.
Emeritus Professor of Dentistry 1414 Drummond St.

OFFICERS OF INSTRUCTION AND ADMINISTRATIVE STAFF

SESSION 1957-1958

Degrees received from McGill University carry no institutional designation and are placed after those received elsewhere. Where two addresses are given the first is the University address and the second is, in general, the home address. In the case of many part-time members of the staff who are in professional practice, however, the "home" addresses listed are, at their request, those of their consulting offices.

JOHNSON WILLIAM ABRAHAM, M.M., D.D.S.
Lecturer in Dentistry — 4018 Royal Ave.

FREDERICK D. ACKMAN, M.D., C.M., F.R.C.S. (C.), F.R.C.P. (C.)
Demonstrator in Surgery — *Montreal General Hospital*, Suite 4, 1374 Sherbrooke St. W.

CHARLES JOSEPH ADAMS, A.B. (Baylor), Ph.D. (Chicago)
Research Associate in Islamic Studies — *3520 University St.*

LEYLAND JOHN ADAMS, M.D., C.M., F.R.C.P. (C.), F.A.C.P.
Assistant Professor of Medicine — *Montreal General Hospital*, 1374 Sherbrooke St. W.

SAMUEL T. ADAMS, M.D., C.M., Dipl. Am. Bd. Ophthal.
Lecturer in Ophthalmology — 1610 Pine Ave. W.

SYED I. AHMED, B.Sc. (McLagan College)
Lecturer in Civil Engineering — *Engineering Building*, 546 Milton St.

SAUL ALBERT, B.A., M.D., C.M.
Assistant Professor of Psychiatry — 945 Dunlop Ave., Outremont

BENJAMIN ALEXANDER, B.Sc., M.D., C.M., D.O.M.S. (England)
Associate Professor of Ophthalmology — *Montreal General Hospital*, 1538 Sherbrooke St. W.

A. STEWART ALLEN, M.D., C.M., F.R.C.S. (C)
Demonstrator in Health and Social Medicine — *515 Pine Ave. W.*, 4230 Royal Ave.

JOAN M. ALLEN
Demonstrator in Physical and Occupational Therapy — *3654 Drummond St.*

MOYRA ALLEN, M.A. (Chicago), B.N.
Assistant Professor in the School for Graduate Nurses — *Beatty Hall*, 551 - 4th Ave., Beaurepaire

ERNEST R. AMBROSE, D.D.S.
Lecturer in Dentistry — 3410 Benny Ave.

PHOEBUS A. ANASTASSIADIS, B.Agr. (Athens), M.Ed. (Rutgers)
Assistant Professor of Agricultural Chemistry and Animal Husbandry
Macdonald College
276 Maple Ave., Ste. Anne de Bellevue

BERYL L. ANDERSON, M.A. (Dalhousie), B.L.S.
Lecturer in Library Science
Redpath Library
3454 Shuter St.

JOSEPH OAKES ANDERSON, B.Ed. in Phys. Ed. (Tulane)
Instructor in Athletics
Currie Gymnasium
4528 Oxford Ave.

ISTVÁN ANHALT
Assistant Professor of Music
Conservatorium of Music
4921 Clanranald Ave.

LOUIS J. ARCAND, B.Sc., M.Eng.
Associate Professor of Civil Engineering
Engineering Building
389 Querbes Ave.

EVA C. ARENDT, M.D., C.M., F.R.C.P. (C.)
Demonstrator in Medicine and Clinical Medicine
Montreal General Hospital
4354 Marcil Ave.

DONALD EUGENE ARMSTRONG, B.A., B.Com. (Alta.)
Assistant Professor in School of Commerce
Purvis Hall
Apt. 406, 1537 Summerhill Ave.

G. DOUGLAS ARMSTRONG, D.D S.
Lecturer in Dentistry
4545 Sherbrooke St. W.

MICHAEL ARONOVITCH, B.Sc., M.D., C.M., F.R.C.P. (C.), F.C.C.P.
Lecturer in Medicine
Royal Victoria Hospital
4119 Sherbrooke St. W.

EFFIE CONSTANCE ASTBURY, B.A., B.L.S.
Assistant Professor in the Library School
Redpath Library
303 Querbes Ave.

EDITH PAULINE ASTON, Dipl. Phys. and Occ. Ther.
Lecturer in School of Physical and Occupational Therapy
3654 Drummond St.
320 - 61st Ave., L'Abord à Plouffe

ROSEMARY LOUISE ATKINS
Demonstrator in Physical and Occupational Therapy
Verdun Protestant Hospital

FRIEDL AUFREITER, M.D. (Vienna)
Lecturer in Psychiatry
Allan Memorial Institute
28 Sunnyside Ave.

JOHANN AUFREITER, M.D. (Vienna)
Assistant Professor of Psychiatry
Allan Memorial Institute
28 Sunnyside Ave.

FERN AZIMA, B.A. (Queen's), M.A. (Cornell)
Demonstrator in Psychiatry
Allan Memorial Institute
Apt. 101, 1114 Elgin Terrace

HASSAN AZIMA, B.A. (Univ. of Cal.), M.D. (Univ. of Kans.), M.Sc.
Lecturer in Psychiatry
Allan Memorial Institute
Apt. 101, 1114 Elgin Terrace

HENRY READE CHARLES AVISON, M.A.
Associate Professor of English, Chairman of the Department, and Director of Adult Education
Macdonald College
15 Maple Ave., Ste. Anne de Bellevue

HARRY LYON BACAL, M.B.E., B.A., M.D., C.M., F.A.A.P., F.A.A.A.
Lecturer in Paediatrics
Montreal Children's Hospital
1414 Drummond St.

ROBERT ARTHUR BACK, M.Sc. (West. Ont.), Ph.D.
Research Associate in Chemistry
Chemistry Building
Apt. B, 4300 Dupuis Ave.

FRANK RONALD CHARLES BAGLEY, B.A. (Oxon.)
Assistant Professor of Islamic Studies
3520 University St.
528 Church St. (3rd St.), Beaurepaire

HERVE E. BAILLARGEON
Instructor in Music
Conservatorium of Music
404 Gouin Blvd. W.

DONALD CHARLES BAIN, B.A.
Chief Accountant
Dawson Hall
Apt. 2, 418 Pine Ave. W.

MARIAN ADAIR BAIN (MRS. D. C.), M.Sc. (Columbia), B.H.S.
Assistant Professor of Health and Social Medicine
517 Pine Ave. W.
Apt. 2, 418 Pine Ave. W.

BRUCE EARLE BAKER, B.Sc. (Bishop's), D.Sc. (Laval)
Associate Professor of Agricultural Chemistry
Macdonald College

VICTOR G. BAKER
Special Lecturer in Engineering
Engineering Building
7445 Dieppe Ave.

JAMES WATSON BALHARRIE
Assistant Professor of Architecture
3484 University St.
55 Metcalfe St., Ottawa

C. MILLER BALLEM, M.D., C.M. (Dal.), Dipl. Int. Med.
Demonstrator in Medicine
Royal Victoria Hospital
3448 Peel St.

EVA BALTAS, L.Mus.
Instructor in Music
Conservatorium of Music
9905 Jeanne Mance St.

STANLEY MARTIN BANFILL, B.A. (Bishop's), M.D., C.M.
Associate Professor of Anatomy and Assistant to the Dean of Medicine
Medical Building
87 Percival Ave., Montreal West

EDWARD ANGUS BANTING, B.S.A. (Tor.)
Professor of Agricultural Engineering and Chairman of the Department
Macdonald College

CHARLES SCOTT BARKER, B.A., M.D., C.M., F.A.C.P., F.R.C.P (C.)
Lecturer in Medicine
Royal Victoria Hospital
1538 Sherbrooke St. W.

THOMAS HERBERT BARTON, B.Eng., Ph.D. (Sheffield)
Assistant Professor of Electrical Engineering
Engineering Building

DAVID BARZA, B.A., M.D., C.M.
Demonstrator in Medicine
Royal Victoria Hospital
548 Cote St. Catherine Rd.

SYDNEY BARZA, M.D., C.M.
Demonstrator in Psychiatry
Montreal Neurological Institute
2977 Brighton Ave.

DAVID V. BATES, M.B.B.Ch. (Cantab.), M.D., M.R.C.P. (Lond.)
Associate Professor of Medicine and Clinical Medicine
Royal Victoria Hospital
470 Portland Ave., Town of Mount Royal

LOUIS BAUDOUIN, Docteur en Droit, ès-Sciences Juridiques, et ès-Sciences Politiques (Paris)
Professor of Law
Chancellor Day Hall
5560 Durocher St., Outremont

WILLIAM ST. CLAIR BAULD, B.A. (Acadia), M.Sc. (Dal.), Ph.D. (Edin.), M.D., C.M., L.R.C.P. (Eng.), L.R.C.S. (Eng.), L.R.F.P. & S.
Lecturer in Medicine and in Clinical Medicine
Medical Building
156 Cornwall Ave., Town of Mount Royal

HAMILTON A. BAXTER, D.D.S., M.D., C.M., M.Sc.
Lecturer in Surgery
Royal Victoria Hospital
1538 Sherbrooke St. W.

JAMES D. BAXTER, M.Sc., M.D. C.M.
Demonstrator in Otolaryngology
1509 Sherbrooke St. W.

ROBERT GORDON BAXTER, M.D., C.M.
Lecturer in Medicine
3448 Peel St.

STEWART G. BAXTER, M.D., C.M., M.Sc., Ph.D.
Assistant Professor of Surgery
Royal Victoria Hospital
1538 Sherbrooke St. W.

CHARLES CALVERT BAYLEY, M.A. (Manchester), Ph.D. (Chicago)
Associate Professor of History
Arts Building
3566 University St.

A. RANDOLPH BAZIN, M.B., Ch.B. (Edin.), B.A.
Demonstrator in Surgery
Montreal General Hospital
1414 Drummond St.

EARL FRANCIS BEACH, B.A. (Queen's), A.M., Ph.D. (Harvard)
Bronfman Professor of Economics
Purvis Hall
508 Victoria Ave., Westmount

M. GLADYS BEAN, M.A. (Columbia), B.A., Dip. M.S.P.E.
Assistant Professor in the Department of Athletics, Physical Education, and Recreation
Royal Victoria College
Apt. 5, 1466 Mansfield St.

JACQUES BEAUBIEN, B.Sc., M.D., C.M., Dipl. Psychiat.
Lecturer in Psychiatry
900 Sherbrooke St. W.

JOHANNES CHRISTIAN BECK, M.D., C.M., M.Sc., Dipl. Int. Med.
Associate Professor and Markle Fellow in Medicine
University Clinic, Royal Victoria Hospital
592 Kenaston Rd., Town of Mount Royal

ROBERT EDWARD BELL, M.A. (U.B.C.), Ph.D.
Associate Professor of Physics — *Radiation Laboratory*
27 Swallow Ave., Strathmore

BRUNO GEORG BENFEY, M.D. (Hamburg)
Assistant Professor of Pharmacology — *Biological Building*
Apt. 14, 3335 Ridgewood Ave.

BEN BENJAMIN, B.A., M.D., C.M., F.A.A.P.
Lecturer in Paediatrics — *Montreal Children's Hospital*
665 Cote St. Antoine Rd.

RICHARD CARLTON BENNETTS, A.B. (California), M.D., C.M.
Assistant Professor of Medicine — *Montreal General Hospital*
4250 Sherbrooke St. W.

EDWARD HORTON BENSLEY, M.B.E., B.A., M.D (Tor.), F.A.C.P.
Associate Professor of Experimental Medicine, Lecturer in Health and Social Medicine, and Assistant Director of the University Medical Clinic — *Montreal General Hospital*

WILLIAM BENTLEY, C.G.A., F.C.I.S., R.I.A.
Assistant to the Principal — *Dawson Hall*
Apt. 2, 3578 University St.

CONSTANCE ELIZABETH BERESFORD-HOWE, Ph.D. (Brown), M.A.
Assistant Professor of English — *Arts Building*
4137 Oxford Ave.

FAY BERKES, B.A. (Cornell), M.A. (Columbia)
Special Lecturer in the School of Social Work — *3600 University St.*
3 Cedar Ave., Pointe Claire

NIYAZI BERKES, Licence-ès-Lettres (Istanbul), Docent (Ankara)
Associate Professor in the Institute of Islamic Studies — *Divinity Hall*
3 Cedar Ave., Pointe Claire

JOAN BERND, Dipl. in Occ. Ther. (Tor.)
Demonstrator in Physical and Occupational Therapy — *3654 Drummond St.*
Apt. 5, 3555 Atwater Ave.

NORMAN JOHN BERRILL, B.Sc. (Bristol), Ph.D., D.Sc. (Lond.), F.R.S.C., F.R.S.
Strathcona Professor of Zoology — *Biological Building*
Apt. 1, 3521 University St.

GILLES BERTRAND, M.D. (Montréal), M.Sc.
Lecturer in Neurology and Neurosurgery and Assistant Neuropathologist — *Montreal Neurological Institute*
385 Lethbridge Ave., Town of Mount Royal

ROBERT S. BIGELOW, B.Sc.(Agr.)
Assistant Professor of Entomology — *Macdonald College*

DALBIR BINDRA, A.M., Ph.D. (Harvard)
Associate Professor of Psychology — *Peterson Hall*
Apt. 207, 3490 McTavish St.

JOHN BRIAN BIRD, M.A. (Cantab.)
Associate Professor of Geography — *539 Pine Ave. W.*
27 Lombardie St., Preville

MARGARET BIRKS, A.B. (Vassar), M.A.
Sessional Lecturer in Psychology
Peterson Hall
3234 Cedar Ave.

MARION K. BIRMINGHAM (MRS. L. W.), B.A. (Bennington), M.Sc., Ph.D.
Lecturer in Psychiatry
Allan Memorial Institute
526 Lakeshore Rd., Beaurepaire

ALBERT L. BISSONNETTE, B.C.L.
Lecturer in Law
Chancellor Day Hall
29 Bayview Ave., Pointe Claire

CHARLES E. H. BISSONNETTE, B.A. (Carleton), B.C.L.
Assistant Professor of Law
Chancellor Day Hall
3511 Peel St.

MARGARET E. BLACK, M.Sc.
Demonstrator-Curator in Zoology
Biological Building
Apt. C, 2064 McGill College Ave.

A. CLARK BLACKWOOD, M.Sc. (Alta.), Ph.D. (Wisconsin)
Professor of Agricultural Bacteriology and Chairman of the Department
Macdonald College
1 Stuart Ave., Ste. Anne de Bellevue

PETER RAYMOND BLAHEY, B.A. (Sask.), M.D. (Tor.), M.R.C.O.G., F.R.C.S. (C.)
Demonstrator in Obstetrics and Gynaecology
Royal Victoria Hospital
Suite 1, 1374 Sherbrooke St. W.

JOHN BLAND, B.Arch., A.M.T.P.I. (Lond.), M.R.A.I.C., A.R.I.B.A.
Director of the School of Architecture and Macdonald Professor of Architecture
3484 University St.
P.O. Box 454, Ste. Anne de Bellevue

FRITZ BLANK, D.Sc. (Nat. Sci.), D.Sc. (Tech. Sci.) (Fed. Inst. Tech., Zurich)
Assistant Professor of Bacteriology
Pathological Institute
582 Davaar Ave.

JAMES Q. BLISS, B.A., M.D. (Toronto)
Lecturer in Physiology
Biological Building
Apt. 17, 3547 University St.

VICTOR BLOCK, M.A.
Lecturer in German
Arts Building
45 Thornhill Ave., Westmount

HELMUT BLUME, Mus.B. (Berlin Acad. Music)
Associate Professor of Music
Conservatorium of Music
20 Windsor Ave.

JACOB HAROLD BLUMENSTEIN, M.A., B.C.L.
Lecturer in Law
Chancellor Day Hall
4815 Queen Mary Rd.

THOMAS J. BOAG, M.B., Ch.B. (Liverpool)
Assistant Professor of Psychiatry
Allan Memorial Institute
40 Arlington Ave.

ROBERT STANLEY BOIRE, B.Com., C.A.
Lecturer in the School of Commerce
Purvis Hall
4881 Melrose Ave.

WILLIAM G. BOLL, B.Sc., Ph.D. (Manchester)
Assistant Professor of Botany
Biological Building
Apt. 14, 6185 Nelligan St.

JOHN ARTHUR BOORMAN, B.A., (Alta.) M.A., Ph.D. (Columbia)
Lecturer in Divinity — *Divinity Hall*, 5922 McLynn Ave.

WILLIAM TRIPPE BOOTH, B.A.
Lecturer in English — *Arts Building*, Apt. 14, 4120 Benny Ave.

E. ROGER BOOTHROYD, B.Sc. (Bishop's), M.Sc., Ph.D.
Assistant Professor of Genetics — *Biological Building*, 4226 Royal Ave., N.D.G.

CARLO GIOVANNI BOS, B.A., M.D., C.M.
Assistant Professor of Psychiatry — *Allan Memorial Institute*, 3605 Marlowe Ave.

JEAN BOUCHARD, M.D. (Laval), D.M.R.E. (Cantab.)
Associate Professor of Radiology — *Royal Victoria Hospital*

F. MUNROE BOURNE, B.A. (Oxon.), B.A., M.D., C.M., F.R.C.P. (C.)
Assistant Professor of Medicine — *Montreal General Hospital*, Suite 316, 1414 Drummond St.

HILARY B. BOURNE, M.D., C.M.
Demonstrator in Obstetrics and Gynaecology — *Royal Victoria Hospital*, 1509 Sherbrooke St. W.

REGINALD ALAN BOURNE, B.A., M.D., C.M.
Demonstrator in Ophthalmology — *Montreal General Hospital*, Suite 414, 1414 Drummond St.

PHYLLIS BOWERS, B.A. (Queen's)
Assistant Professor in the School for Teachers — *Macdonald College*

H. ANGUS BOWES, M.D. (Durham)
Lecturer in Psychiatry and Occupational Therapy — *Demonstrator in the School of Physical and* Ste. Anne's Hospital, Ste. Anne de Bellevue

JOHN WALLACE BOYES, M.Sc. (Sask.), Ph.D. (Wisconsin), M.A.I.C.
John and Anne Molson Professor of Genetics and Chairman of the Department — *Biological Building*, 484 Strathcona Ave., Westmount

W. HOWARD BOYLES, D.D.S.
Assistant Professor of Dentistry — 1538 Sherbrooke St. W.

JOACHIM OSCAR WOLFGANG BRABANDER, M.D., C.M.
Lecturer in Medicine — *Royal Victoria Hospital*, 1390 Sherbrooke St. W.

GEORGE ALFRED BRABANT, B.Sc. (Sir Geo. Williams), D.D.S.
Demonstrator in Dentistry — *Donner Building*, 150 Lakeshore Rd., Pointe Claire

ROBERT IRWIN BRAWN, B.S. (Penn. State) (on leave of absence)
Associate Professor of Agronomy and Associate Professor of Genetics — *Macdonald College*

IRVING BRECHER, Ph.D. (Harvard), B.A.
Associate Professor of Economics and Political Science — *Purvis Hall*, 2135 Eden Rd., Town of Mount Royal

MICHAEL BRECHER, Ph.D. (Yale), B.A.
Assistant Professor of Economics — *Purvis Hall*, 4812 Isabella Ave.

JOHN EDWARD BREMNER, B.Sc. (Loyola), M.D. (Ottawa)
Demonstrator in Pathology — *Pathological Institute*, 4921 Coronet St.

JAMES G. BRIERLEY, B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 505 Dorchester St. W.

WILLIAM HAROLD BRITTAIN, M.S. in Agr., Ph.D. (Cornell), D Sc. (U.B.C.), B.S.A., LL.D., F.A.I., F.R.S.C.
Curator of Morgan Arboretum — *Macdonald College*

PHILIP R. BROMAGE, M.B., B.Sc., M.R.C.S., L.R.C.P. (Lond.), D.A.
Lecturer in Anaesthesia — *Royal Victoria Hospital*

ALEXANDER BROTT, L.Mus.
Associate Professor of Music — *Conservatorium of Music*, 5459 Earnscliffe Ave.

GEORGE RAYMOND BROW, M.D., C.M., F.R.C.P. (C.), F.A.C.P.
Professor of Medicine — *Royal Victoria Hospital*, 1390 Sherbrooke St. W.

KEITH BROWN, B.A. (Cantab.)
Lecturer in English — *Arts Building*, 1465 Mackay St.

NORMAN BROWN, B.A., M.D., C.M.
Lecturer in Radiology — *Montreal General Hospital*, 32 Franklin St., Town of Mount Royal

THOMAS AIRLIE BROWN, M.D. (Edinburgh)
Demonstrator in Medicine — *Royal Edward Laurentian Hospital*, 5870 Somerled Ave.

JOHN S. L. BROWNE, B.A., B.Sc. (Med.), M.D., C.M., Ph.D., F.A.C.P. F.R.C.P.(C.), F.R.S.C.
Professor of Investigative Medicine and Chairman of the Department — *Room 106, Medical Building*, Apt. 100, 900 Sherbrooke St. W.

WILLIAM BRUCE, M.A.Sc. (Tor.), P.Eng., Mem. A.S.M.E.
Professor of Mechanical Engineering and Chairman of the Department — *Engineering Building*, 10445 St. Hubert St.

LAUDER BRUNTON, M.D., C.M., Dipl. Int. Med.
Lecturer in Medicine — *Royal Victoria Hospital*, 4500 Sherbrooke St. W.

JOHN STEPHEN BUBAR, M.Sc. (Penn. State), B.Sc.(Agr.)
Lecturer in Agronomy — *Macdonald College*

FLORENCE S. BULLER
Lecturer in the School for Graduate Nurses — *Beatty Hall*

ERWIN E. BURBANK, D.D.S.
Demonstrator in Dentistry — *1538 Sherbrooke St. W.*

ARNOLD STANLEY VINCENT BURGEN, M.B., B.S., M.R.C.P. (Lond.)
Professor of Physiology and Deputy Director of the University Clinic, Montreal General Hospital — *Biological Building*, 348 Grosvenor Ave., Westmount

HUGH EDMUND BURKE, M.D., C.M., M.Sc., Ph.D.
Assistant Professor of Medicine and Lecturer in Health and Social Medicine
Royal Edward Laurentian Hospital
670 Victoria Ave., Westmount

B. DELISLE BURNS, B.A. (Cantab.), L.R.C.P. (Lond.), M.R.C.S. (Eng.)
Associate Professor of Physiology
Biological Building
4835 Melrose Ave.

MARTIN DUDLEY BURROW, M.Sc.
Assistant Professor of Mathematics
Engineering Building
5735 Cote des Neiges Rd.

WINSTON C. BUSHELL, D.D.S., F.A.C.D.
Professor of Prosthetic Dentistry
1538 Sherbrooke St. W.

CONSTANDINA A. BUTAS, M.D. (Cluj)
Assistant Professor of Bacteriology
Pathological Institute
1371 Pine Ave. W.

ALBERT ALEXANDER BUTLER, M.D., C.M.
Lecturer in Surgery
Royal Victoria Hospital
1538 Sherbrooke St. W.

KENNETH FREDERICK BYRD, B.Sc., M.A. (Lond.), A.C.A. (England and Wales), C.A. (S.A.)
Professor of Accountancy
Purvis Hall
4779 Meridian Ave.

CHARLES H. CAHN, M.D. (Tor.)
Demonstrator in Psychiatry
Allan Memorial Institute
6601 La Salle Blvd., Verdun

GEORGE BRADFORD CAIRD, B.A. (Cantab.), M.A., D.Phil. (Oxon.)
Professor of New Testament Language and Literature and Principal of the United Theological College
Divinity Hall
3508 University St.

KEITH BRENDON CALLARD, B.Sc. (Lond.)
Associate Professor of Economics
Purvis Hall
3490 Peel St.

ERIC OTTLEBEN CALLEN, B.Sc., Ph.D. (Edin.), F.L.S.
Assistant Professor of Plant Pathology
Macdonald College

ARCHIBALD F. CAMERON, D.D.S.
Lecturer in Dentistry
1414 Drummond St.

D. EWEN CAMERON, M.D. (Glasgow), D.P.M. (Lond.), F.R.C.P. (C.)
Professor of Psychiatry, Chairman of the Department, and Director of the Allan Memorial Institute of Psychiatry
Allan Memorial Institute

DOUGLAS GEORGE CAMERON, M.C., B.Sc. (Oxon. and Sask.), M.D., C.M., M.R.C.P. (Lond.)
Professor of Medicine, Associate Professor of Dentistry, and Director of the University Clinic
Montreal General Hospital
56 Berwick Ave., Town of Mount Royal

THOMAS WRIGHT MOIR CAMERON, T.D., M.A., D.Sc. (Edin.), Ph.D. (Lond.), M.R.C.V.S. (Lond.), F.R.S.C.
Professor of Parasitology, Chairman of the Department, and Director of the Institute of Parasitology
Macdonald College
10 Maple Ave., Ste. Anne de Bellevue

VIRGINIA CAMERON, B.A.
Assistant Registrar — *Dawson Hall*, Apt. 7, 2082 Sherbrooke St. W.

HYMAN CAPLAN, M.D., C.M.
Lecturer in Psychiatry — *Montreal Children's Hospital*, 2082 Fulton Rd., Town of Mount Royal

COLETTE CARISSE, M.A. (Laval)
Lecturer in Sociology — *Arts Building*, 5830 Brissac Ave., Ville d'Anjou

FRANCOIS CARON, B.A. (L'Assomption), LL.L. (Univ. of Montreal)
Lecturer in Law — *Chancellor Day Hall*, 110 Simcoe Ave., Town of Mount Royal

CLIVE HARCOURT CARRUTHERS, B.A. (Oxon.), M.A. (Tor.), Ph.D.(Chicago)
Professor of Classical Philology (Post-retirement) — *Arts Building*, 148 Wolseley Ave., Montreal West

PHILIPPE CASGRAIN, B.A. (S. of Rimouski), LL.L. (Laval)
Lecturer in Law — *Chancellor Day Hall*, 139 - 4th Ave., Ville St. Pierre

JEAN GABRIEL CASTEL, B.Sc. (Aix-Marseilles), Dip.Inst.Comp.Law (Paris), LL.B. (Mich.)
Associate Professor of Law — *Chancellor Day Hall*, 241 Clarke Ave., Westmount

CHARLES FREDERICK CASWELL, B.Eng.
Demonstrator in Electrical Engineering — *Engineering Building*, 26 Springfield Ave.

LLOYD ALBERT CASWELL, M.D., C.M. (Queen's)
Demonstrator in Medicine — *Montreal General Hospital*, 1610 Pine Ave. W.

GEORGE E. G. CATLIN, M.A. (Oxon.), Ph.D. (Cornell), F.R.S.L.
Bronfman Professor of Economics and Political Science — *Purvis Hall*, Apt. 302, 4870 Cote des Neiges Rd.

CURTIS DRAKE CECIL, B.A. (Dartmouth), M.A. (Oxon.)
Lecturer in English — *Arts Building*, Apt. 18, 335 Clarke Ave.

HON. MR. JUSTICE GEORGE SWAN CHALLIES, M.A., M.C.L.
Lecturer in Law — Judges' Chambers, Old Court House

JOHN MCLEAN CHAMARD, D.D.S.
Demonstrator in Dentistry — 1374 Sherbrooke St. W.

YVONNE CHAMPIGNEUL, L.-ès-.L, Diplome d'Etudes Supérieures (Toulouse), Agrégée de l'Université de France, Certificat d'Aptitude Pédagogique
Assistant Professor of Romance Languages — *Arts Building*, Apt. 23, 418 Pine Ave. W.

JOHN S. CHARTERS, B.Sc., M.D., C.M.
Demonstrator in Paediatrics — 10 Touzin Ave., Dorval

RONALD I. CHEFFINS, LL.B., B.A. (U.B.C.)
Assistant Lecturer in Law — *Chancellor Day Hall*

JOHN CHARLES CHERNA, Dipl. Ing. (Swiss Federal Inst. of Technology)
Assistant Professor of Mechanical Engineering — *Engineering Building*
Apt. 103, 5000 Clanranald Ave.

LLEWELLYN PARKER CHESNEY, M.D., C.M.
Demonstrator in Medicine — *Montreal General Hospital*
1414 Drummond St.

RAE CHITTICK, B.Sc. (Columbia), M.A. (Stanford), M.P.H. (Harvard), LL.D. (Alta.), R.N.
Associate Professor of Nursing, Director of the School for Graduate Nurses, and Building Director of Beatty Hall — *Beatty Hall*
Apt. 508, 1555 Summerhill Ave.

JOHN CHOMAY, M.A. (Minnesota), B.Sc.
Instructor in Athletics — *Currie Gymnasium*
8544 Outremont Ave.

RONALD VICTOR CHRISTIE, M.B., Ch.B. (Edinburgh), D.Sc., F.R.C.P. (Lond.), M.Sc.
Professor of Medicine, Chairman of the Department and Director of the University Clinic, Royal Victoria Hospital — *Royal Victoria Hospital*
1700 McGregor St.

THOMAS HENRY CLARK, A.M., Ph.D. (Harvard), F.G.S.A., F.R.S.C.
Logan Professor of Palaeontology and Chairman of the Department of Geological Sciences — *Physical Sciences Centre*
353 Chester Ave., Town of Mount Royal

DOUGLAS CLARKE, M.A., Mus.B. (Cantab.), F.R.C.M., F.R.C.O. (on leave of absence)
Professor of Music — *Conservatorium of Music*

JAMES DONALD CLEGHORN, E.D.
Curator of Zoology — *Redpath Museum*
Apt. 201, 4870 Cote des Neiges Rd.

ROBERT ALLEN CLEGHORN, M.D. (Tor.), D.Sc. (Aberdeen)
Associate Professor of Psychiatry and Lecturer in Medicine — *Allan Memorial Institute*
3160 St. Sulpice Rd.

YVES CLERMONT, B.Sc. (Montréal)
Assistant Professor of Anatomy — *Medical Building*
158 Montenach Ave., Longueuil

EDWARD THORBURN CLEVELAND, D.D.S.
Lecturer in Dentistry — 1414 Drummond St.

DONALD K. CLOGG, B.Sc., M.D., C.M.
Demonstrator in Paediatrics — *1509 Sherbrooke St. W.*
Apt. 2, 341 Graham Blvd., Town of Mount Royal

JOSEPH COHEN, Q.C., B.C.L.
Lecturer in Law (Post-retirement) — *Chancellor Day Hall*
5003 Grosvenor Ave.

MAURICE SINGER COHEN, M.D., C.M., Cert. in Derm. and Syph. (R.C.P.S.)
Demonstrator in Medicine and in Clinical Medicine
Royal Victoria Hospital
Apt. 2, 4810 Queen Mary Rd.

MAXWELL COHEN, B.A., LL.B. (Man.), LL.M. (Northwestern)
Professor of Law
Chancellor Day Hall
Apt. 5, 3015 Sherbrooke St. W.

WILLIAM COHEN, B.A., M.D., C.M.
Demonstrator in Medicine
Montreal General Hospital
Suite 318, 1414 Drummond St.

DESMOND WILLIAM COLE, M.A. (U.B.C.)
Assistant Professor of English and Warden of Brittain Hall
Macdonald College

ROWAN C. COLEMAN, D.S.O., M.C., LL.B. (Dalhousie), B.A.
Director of the University Placement Service
3574 University St.

ALBERT JOSEPH COLLE, D.D.S., M.S.
Demonstrator in Dentistry
5292 Queen Mary Rd.

PETER COLLINS, Dip. in Arch. (Leeds College), M.A. (Manchester)
Associate Professor of Architecture
3484 University St.
417 Metcalfe Ave., Westmount

FRANK B. COMMON, B.C.L.
Lecturer in Law
Chancellor Day Hall
360 St. James St. W.

ROBERT HADDON COMMON, M.Agr., D.Sc. (Belfast), Ph.D., D.Sc. (Lond.), F.R.I.C., F.A I.C.
Professor of Agricultural Chemistry and Chairman of the Department
Macdonald College
21 Maple Ave., Ste. Anne de Bellevue

RADU PETER COMSA, Dipl. Ing. (Zurich), M.Eng., P.Eng., M.E.I.C.
Lecturer in Electrical Engineering
Engineering Building
Apt. 206, 3375 Ridgewood Ave.

WILLIAM VERNON CONE, B.Sc., M.D. (Iowa), F.R.C.S. (C.), F.R.S.C.
Professor of Neurosurgery
Montreal Neurological Institute

JAMES B. CONROY, B.A., M.D., C.M., Dipl. in Ophthal.
Demonstrator in Ophthalmology
Montreal General Hospital
4769 Sherbrooke St. W.

ETHEL B. COOKE, R.N.
Lecturer in Health and Social Medicine (Post-retirement)
490 Pine Ave. W.
830 Richmond Square

JAMES HAROLD COOPER, B.Sc.(Agr.), Mem. A.S.A.E., M.A.I.C. (on leave of absence)
Associate Professor of Agricultural Engineering
Macdonald College

JOHN COBB COOPER, A.B. (Princeton), LL.M.
Professor of International Air Law (Post-retirement)
Chancellor Day Hall

JOHN IRWIN COOPER, M.A. (Western Ont.), Ph.D.
Associate Professor of History
Arts Building
128 Prince Edward Ave., Valois

STUART R. COOPER, M.D., C.M.
Demonstrator in Medicine — *Royal Victoria Hospital*

GORDON ALLAN COPPING, M.D., C.M., M.R.C.P. (Lond.), F.R.C.P. (C.)
Assistant Professor of Medicine — *Montreal General Hospital*
4485 Sherbrooke St. W.

BRUNO CORMIER, B.A. (St. Mary's), M.D. (Montréal)
Lecturer in Psychiatry — *Allan Memorial Institute*
506 Pine Ave. W.

JAMES B. R. COSGROVE, M.Sc., M.D. (Man.), M.Sc. (Cantab.)
Assistant Professor and Research Fellow in Neurology and Neurosurgery
Montreal Neurological Institute
3306 Cedar Ave.

VIOLET L. COUGHLIN (MRS.), B.Sc., B.L.S.
Assistant Professor in the Library School — *Redpath Library*
3800 Wilson Ave.

JOHN GRAHAM COULSON, M.A. (Queen's), D.Sc. (Montréal)
Professor of Plant Pathology and Chairman of the Department
Macdonald College

ERIC M. COUNSELL, M.B.E., M.A. (Oxon.)
Associate Professor of Classics — *Arts Building*
Apt. 31, 3530 Ontario Ave.

W. MASON COUPER, B.Sc., M.D., C.M., F.R.C.S. (Edin. and C.)
Lecturer in Surgery — *Royal Victoria Hospital*
1538 Sherbrooke St. W.

E. JACQUES COURTOIS, B.A., LL.B. (University of Montreal).
Lecturer in Law — *Chancellor Day Hall*
507 Place d'Armes

PETER VICTOR COVO, B.Eng.
Assistant Professor of Mechanical Engineering — *Engineering Building*
635 Laurentien Blvd., St. Laurent

THOMAS ARCHIBALD COWAN, M.D., C.M.
Demonstrator in Paediatrics — *Montreal Children's Hospital*
1414 Drummond St.

PHOEBE COX, A.B. (Mount Holyoke), M.D., C.M. (on leave of absence)
Assistant Professor of Anatomy — *Medical Building*
Apt. 202, 3430 McTavish St.

CARLETON CRAIG, B.A., M.Eng., P.Eng., M.E.I.C.
William Scott Professor of Civil Engineering, and Chairman of the Department
Engineering Building
344 Metcalfe Ave., Westmount

GIBSON EDWARD CRAIG, B.Com., M.D., C.M., D.T.M.
Assistant Professor of Medicine — *Royal Victoria Hospital*
1390 Sherbrooke St. W.

KENNETH HALDANE CRAM, Ph.D. (Princeton), B.Eng.
Assistant Professor of Chemical Engineering — *Physical Sciences Centre*
Apt. 201, 1118 Elgin Terrace

HARRY ISAAC CRAMER, B.Sc., M.D., C.M., F.A.C.P., F.R.C.P. (C.)
Lecturer in Medicine — *Royal Victoria Hospital*
1462 Bishop St.

EARLE WILCOX CRAMPTON, B.S. (Connecticut), M.S. (Iowa), Ph.D. (Cornell), F.C.I.C., F.A.I.C., F.R.S.C.
Professor of Nutrition and Chairman of the Department — *Macdonald College*

HENRY GEORGE DION, B.Sc. Agric. (Sask.), Ph.D. (Wis.)
Vice-Principal of Macdonald College, Dean of the Faculty of Agriculture, and Professor of Soil Chemistry — *Macdonald College*
3 Stewart Park, Ste. Anne de Bellevue

ANTHONY R. DOBELL, M.D., C.M.
Hosmer Teaching Fellow in Experimental Surgery — *Donner Building*
37 Highfield Ave., Town of Mount Royal

JAMES ROBERT DODDS, B.Sc. (U.N.B.), M.D., C.M. — 1414 Drummond St.
Demonstrator in Obstetrics and Gynaecology — *Royal Victoria Hospital*

WALTER ROY F. DOHN, D.D.S.
Demonstrator in Dentistry — *4147 Sherbrooke St. W.*
2332 Clifton Ave.

HAROLD SYLVESTER DOLAN, B.A., M.D., C.M. (Dal.), F.A.C.S.
Assistant Professor of Surgery — *Royal Victoria Hospital*
1509 Sherbrooke St. W.

GEORGE LEE D'OMBRIAN, B.Sc. (Engin), Ph.D. (London)
Visiting Professor of Electrical Engineering — *Engineering Building*

EUGENE DONEFER, B.S., M.S. (Cornell)
Demonstrator and Senior Technician in Nutrition — *Macdonald College*
14 Lamarche St., Ste. Anne de Bellevue

MAURICE LEE DONIGAN, D.D.S., F.I.C.D.
Associate Professor of Dentistry — 1414 Drummond St.

GRACE DONNELLY, B.A., M.D., C.M.
Demonstrator in Obstetrics and Gynaecology — *Royal Victoria Hospital*
Suite 311, 1414 Drummond St.

EUGENE SQUIRES DORION, B.A. (Ottawa), D.D.S.
Lecturer in Dentistry — Suite 710D, 1155 Metcalfe St.

SYDNEY I. DOUBILET, M.D., C.M., F.A.A.P.
Demonstrator in Paediatrics — *Montreal Children's Hospital*
Suite 705, 1538 Sherbrooke St. W.

REV. FRANCIS A. C. DOXSEE, B.A. (Oxon. and Tor.)
Honorary Lecturer in Religious Instruction — *Macdonald College*

JOHN ALEXANDER DRUMMOND, D.D.S. (Tor.), D.M.
Demonstrator in Surgery — *Royal Victoria Hospital*
3555 Atwater Ave.

ROBERT NORMAN DRUMMOND, M.Sc.
Assistant Professor of Geography — *539 Pine Ave. W.*
43 Pointe Claire Ave., Pointe Claire

MARVIN DUCHOW, B.A. (N.Y.U.), M.A. (Rochester), Mus.B.
Dean and Associate Professor of the Faculty of Music and Building Director of the Conservatorium of Music — *Conservatorium of Music*
772 Davaar Ave., Outremont

LOUIS DUDEK, A.M. (Columbia), B.A., Ph.D. (Columbia)
Assistant Professor of English — *Arts Building*
1143 Sixth Ave., Montreal 19

JOHN SCOTT DUNBAR, M.D (Tor.)
Assistant Professor of Radiology
Montreal Children's Hospital
247 Ballantyne Ave. N., Montreal West

MAXWELL JOHN DUNBAR, M.A. (Oxon.), Ph.D., F.R.S.C.
Associate Professor of Zoology
Biological Building
488 Argyle Ave., Westmount

HUGH ALEXANDER G. DUNCAN, M.D., C.M.
Demonstrator in Ophthalmology
Royal Victoria Hospital
Suite 35, 1390 Sherbrooke St. W.

RUTH MARLOWE DUNCAN, B.A. (Man.), B.Sc. (P.Ed.)
Assistant Professor in the Institute of Education
Macdonald College
Apt. 24, 1655 Lincoln Ave.

C. HOWARD DUNDASS, B.Sc. (Sir Geo. Williams), D.D.S.
Demonstrator in Dentistry
4545 Sherbrooke St. W.

GEORGE M. DUNDASS, D.D.S.
Demonstrator in Dentistry
4545 Sherbrooke St. W.

ROBERTA DUNDASS, M.Dent. (Michigan), D.D.S.
Lecturer in Dentistry
4545 Sherbrooke St. W.

ELIZABETH N. DUNKIN
Lecturer in Physical and Occupational Therapy
3654 Drummond St.
2290 Girouard Ave.

E. MELVILLE DUPORTE, B.S.A., M.Sc., Ph.D.
Professor of Entomology (Post-retirement)
Macdonald College
2A Ste. Anne St., Ste. Anne de Bellevue

HENRY BEECHER DUROST, M.D.
Demonstrator in Psychiatry
Verdun Protestant Hospital
6601 LaSalle Blvd., Verdun

J. P. DU RUISSEAU, B.Sc., M.Sc. (Univ. of Montreal), D.Sc. (Univ. of Paris)
Research Associate in the McGill M.G.H. Research Institute
McGill M.G.H. Research Institute
202 Premier Rue, Pont Viau, Que.

SIMON DWORKIN, M.Sc., D.D.S., M.D., C.M.
Assistant Professor of Physiology
Biological Building
1117 St. Catherine St. W.

THOMAS WILLIAM RUSSELL EAST, M.A. (Cantab.)
Assistant Professor of Physics
Physics Building
5839 Coolbrooke Ave., N.D.G.

CHARLES DENNIS EASTEAL, B.Sc. (Univ. London)
Lecturer in Metallurgical Engineering
Physical Sciences Centre
5055 Cote St. Luc Rd.

PETER G. EDGELL, B.A. (Bishop's), M.D., C.M., Dipl.Int.Med. (R.C.C.P.)
Lecturer in Psychiatry
Montreal General Hospital
4484 Western Ave.

ALFRED ROBERT EDIS, B.Sc. (Lond.), B.Eng.
Associate Professor of Mechanical Engineering
Engineering Building
224 Clement St.

RALPH S. EDMISON, B.Com. (Queen's), D.D.S.
Lecturer in Dentistry
1390 Sherbrooke St. W.

RICHARD EDSALL, B.A. (Harvard)
Lecturer in the School of Commerce
Purvis Hall
1610 Sherbrooke St. W.

JOHN THOMAS EDWARD, D.Phil. (Oxon.), B.Sc., Ph.D.
Assistant Professor of Chemistry
Chemistry Building
4447 Harvard Ave.

PHILIP ARON EDWARDS, B.Sc. (New York), M.D., C.M., F.R.C.P.
Lecturer in Medicine and in Clinical Medicine
Royal Victoria Hospital

MARIA EGGER, Ph.D. (London)
Lecturer in English
Arts Building
Apt. 103, 3380 Ridgewood Ave.

S. EIDINGER, M.D., C.M., F.R.C.P. (C.)
Demonstrator in Medicine
Montreal General Hospital
5000 Clanranald Ave.

LORNE ELIAS, B.Sc. (Carleton)
Research Associate in Chemistry
Chemistry Building
Apt. 9 1433 Bishop St.

FREDERICK ELKIN, A.M., Ph.D. (Chicago)
Assistant Professor of Sociology
Arts Building
7137 Chester Ave.

HAROLD WILLIAM ELLIOTT, B.Sc., M.D., C.M.
Assistant Professor of Neurology and Neurosurgery
Montreal General Hospital

KENNETH ALLAN CALDWELL ELLIOTT, M.Sc. (S.A.), Ph.D., D.Sc. (Cantab.)
Associate Professor of Experimental Neurology
Montreal Neurological Institute
3440 Grey Ave.

GLADYS ELLISON, M.D. (Man.), F.R.C.P.S. (C.)
Lecturer in Anaesthesia
Royal Victoria Hospital
3460 Simpson St.

JAMES THOMAS ELO, B.Sc. (Sir Geo. Williams), D.D.S.
Demonstrator in Dentistry
1224 St. Catherine St W.

JOHN A. ELSON, B.Sc. (Univ. West. Ont.), M.Sc. (McMaster), Ph.D. (Yale)
Assistant Professor of Geological Sciences
Physical Sciences Centre
Apt. 303, 7055 Fielding Ave.

ARTHUR ROLAND ELVIDGE, M.D., C.M., M.Sc., Ph.D., F.R.C.S. (C.)
Assistant Professor of Neurology
Montreal Neurological Institute

LOUIS EPSTEIN, B.A., D.D.S.
Demonstrator in Dentistry
1538 Sherbrooke St. W.
637 Lazard Ave., Town of Mt. Royal

LEMUEL PRICE EREAUX, B.Sc., M.D., C.M.
Associate Professor of Medicine
Royal Victoria Hospital
1390 Sherbrooke St. W.

RALPH HOWARD ESTEY, B.Sc., M.S. (Univ. of Maine), Ph.D.
Assistant Professor of Plant Pathology
Macdonald College

ROBERTO LIZARDO ESTRADA, B.Sc., M.D., C.M.
Demonstrator in Surgery
Montreal General Hospital
1538 Sherbrooke St. W.

MICHEL EUVRARD, B. ès L. (Rennes), Licencié-ès-Lettres, Diplômé d'Etudes Supérieures (Paris), Agrégé de l'Université de France.
Assistant Professor of Romance Languages — *Arts Building*
Apt. 2, 1300 Pine Ave. W.

DONALD FAIRBAIRN, B.A. (Queen's), Ph D. (Rochester)
Associate Professor of Parasitology — *Macdonald College*

FLORENCE AMELIA FARMER, B.H.S., M.Sc., Ph.D.
Assistant Professor of Nutrition — *Macdonald College*
30 Maple Ave., Ste. Anne de Bellevue

GERALD WILLIAM FARNELL, B.A.Sc. (Tor.), S.M. (M.I.T.), Ph.D.
Associate Professor of Electrical Engineering — *Engineering Building*
6 Connaught Ave., Rosemere, Que.

NEIL FEENEY, B.A. (Loyola), M.D., C M., F.A.C.P.
Associate Professor of Medicine — *Montreal General Hospital*
1414 Drummond St.

SIDNEY S. FELS, B.C.L.
Lecturer in Law — *Chancellor Day Hall*
4978 Victoria Ave.

GEORGE ANDREW FERGUSON, B.A. (Dal.), B.Ed., Ph.D. (Edin.)
Professor of Psychology — *Peterson Hall*
3460 Simpson St.

ROBERT FERGUSON, M.B.E., M.D. (Tor.), F.I.C.A.
Assistant Professor of Anaesthesia — *Montreal General Hospital*
739 Upper Belmont Ave.

H. NOEL FIELDHOUSE, B.A. (Oxon.), M.A. (Sheffield), F.R.S.C.
Dean of the Faculty of Arts and Science, Kingsford Professor of History, Chairman of the Department, and Director of the Arts Building — *Arts Building*
3564 University St.

HAROLD G. FILES, A.M., Ph.D. (Harvard)
Greenshields Professor of English Literature — *Arts Building*
366 Wood Ave., Westmount

SAMUEL FILLENBAUM, B.A. (City College of N.Y.), M.A., Ph.D. (California)
Research Associate in Psychology — *Peterson Hall*

GEORGE DAVID FINDLAY, B.Sc. (Glasgow), B.A. (Cantab.)
Assistant Professor of Mathematics — *3425 University St.*
4874 Westmount Ave.

JOSEPH FINEBERG, D.D.S.
Demonstrator in Dentistry — 1625 Sherbrooke St. W.

HOWARD R. FINK, B.A.
Sessional Lecturer in English — *Arts Building*
5037 Park Ave.

JOHN DANIEL ARCHIBALD FIRTH, M.D. (Tor.), Dipl. in Anaesthesia
Demonstrator in Anaesthesia — *Royal Victoria Hospital*
Apt. 333, 3530 Ontario Ave.

ROSS FIRTH, B.Sc.
Instructor in Athletics — *Currie Gymnasium*
7824 Durocher St.

GUY HUBERT FISK, B.A., M.D., C.M., D.T.M. & H. (Eng.)
Associate Professor of Physical and Occupational Therapy and Director of the School — *3654 Drummond St.*
592 Walpole Ave., Town of Mt. Royal

DONALD STITT FLEMING, D.P.H. (Tor.), B.A., M.D., C.M.
Associate Professor of Health and Social Medicine — *517 Pine Ave. W.*
Apt. 8, 5552 Queen Mary Rd.

ARTHUR FONTIJN, Ph.D. (Univ. of Amsterdam)
Research Associate in Department of Chemistry — *Chemistry Building*

WILLIAM RODGERS FOOTE, B.A. (U.B.C.), M.D., C.M., M.R.C.O.G., F.A.C.S.
Assistant Professor of Obstetrics and Gynaecology — *Royal Victoria Hospital*
1390 Sherbrooke St. W.

JOHN MARTIN FORDE, B.Eng.
Lecturer in Mechanical Engineering — *Engineering Building*
Apt. 11, 3345 Barclay Ave.

ROY FORSEY, M.D. (Tor.), F.R.C.P. (C.)
Associate Professor of Medicine — *Montreal General Hospital*
1414 Drummond St.

JOHN STUART FOSTER, Ph.D. (Yale), D.Sc. (Acadia), F.R.S.C., F.R.S.
Rutherford Professor of Physics and Director of the Radiation Laboratory — *Radiation Laboratory*
615 Lansdowne Ave.

ALAN FREDERICK FOWLER, M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine — *Montreal General Hospital*
232 Portland Ave., Town of Mount Royal

CHARLES FOX, M.A. (Cantab.), D.Sc. (Lond.)
Professor of Mathematics — *3425 University St.*
381 Prince Albert Ave., Westmount

LYMAN ELWOOD FRANCIS, D.D.S.
Demonstrator in Dentistry — 4637 Sherbrooke St. W.

WILLIAM WILLOUGHBY FRANCIS, A.B., M.D. (Johns Hopkins), M.D., C.M. (ad eun.)
Librarian, Osler Library — *Medical Building*
570 Milton St.

SAUL FRANKEL, M.A.
Assistant Professor of Economics — *Purvis Hall*
599 Westluke Ave.

GERALD FRANKLIN, D.D.S., F.I.C.D., F.A.C.D.
Professor of Orthodontia — 4078 Gage Rd.

MERVYN FRANKLIN, M.Sc. (Reading, Eng.)
Junior Demonstrator in Bacteriology — *Pathological Institute*
Apt. 29, 456 Pine Ave.

DOUGLAS MACLEAN FRASER, B.Sc. (Dalhousie)
Lecturer in Agricultural Physics — *Macdonald College*

F. CLARKE FRASER, B.Sc. (Acadia), M.D., C.M., M.Sc., Ph.D.
Associate Professor of Genetics and Demonstrator in Paediatrics — *Biological Building*
Apt. 106, 3570 Ridgewood Ave.

ROBERT GORDON FRASER, M.D. (Man.)
Assistant Professor of Radiology — *Royal Victoria Hospital*, 168 Carlyle Ave., Town of Mount Royal

F. OWEN FREDERICK, B.A. (Bishop's), D.D.S.
Demonstrator in Dentistry — 1538 Sherbrooke St. W.

ARTHUR FREEDMAN, B.A., M.D., C.M.
Demonstrator in Anatomy — *Medical Building*, Apt. 31, 2720 Darlington Place

DOROTHY RUTH FREEMAN (MRS. J.), B.A., Dipl. Soc. Wk.
Associate Professor in the School of Social Work — *3600 University St.*, 4964 Fulton St.

JACOB FRIED, A.B. (Temple), Ph.D. (Yale)
Assistant Professor of Sociology — *Arts Building*, 3450 McTavish St.

HELEN FRIEDMAN-BRICKMAN (MRS. M. BRICKMAN), M.D. (Man.)
Demonstrator in Paediatrics — *Montreal Children's Hospital*, 1538 Sherbrooke St. W.

STANLEY BRICE FROST, B.D., M.Th. (Lond.), D.Phil. (Mayburg Univ.)
Dean of the Faculty of Divinity and Professor of Old Testament — *Divinity Hall*, 4251 Hampton Ave.

CHARLES WATSON FULLERTON, M.D., C.M., F.A.C.P.
Associate Professor of Medicine and of Therapeutics — *Montreal General Hospital*, 1414 Drummond St.

GILLES GAGNON, B.Eng., B.Arch.
Lecturer in Engineering — *Engineering Building*, 386 Wiseman Ave., Outremont

HUMBERTO GARCIA-AROCHA, M.D. (Universidad Central de Venezuela)
Associate Professor of Physiology — *Biological Building*, 602 Grosvenor Ave.

CAMPBELL MCGREGOR GARDNER, M.D., C.M., F.R.C.S. (Eng. and C.), F.A.C.S.
Assistant Professor of Surgery — *Montreal General Hospital*, 1414 Drummond St.

HELEN MARY GAULT, B.Sc. (P.&O.T.), T.M.M.G., T.M.E. (Eng.)
Assistant Professor in the School of Physical and Occupational Therapy — *3654 Drummond St.*, Apt. 7, 4131 Cote des Neiges Rd.

THOMAS J. GAVRILOFF, B.Sc., D.D.S.
Demonstrator in Dentistry — 1410 Guy St.

JULIUS G. GAZDIK, D.C.L., Dr. Pol. Sc. (Pecs), M.C.L.
Lecturer in Law and Secretary of the Institute of International Air Law — *Chancellor Day Hall*, 4497 Sherbrooke St. W.

AUBREY KENT GEDDES, M.D., C.M.
Associate Professor of Paediatrics — 1509 Sherbrooke St. W.

JOHN WILFRID GERRIE, B.A., D.D.S. (Alta.), M.D., C.M., D.L.O. (R.C.P. & S.)
Professor of Dentistry and Assistant Professor of Surgery
1414 Drummond St.

JAMES E. GIBBONS, M.D., C.M. (Queen's Univ.)
Demonstrator in Paediatrics — *Montreal Children's Hospital*
1102 Elgin Terrace

R. DARNLEY GIBBS, Ph.D. (Lond.), M.Sc., F.L.S., F.R.S.C.
Professor of Botany and University Gardenmaster — *Biological Building*
3450 McTavish St.

CUTHBERT G. GIFFORD, D.F.C., M.S.W. (Pittsburgh), B.A.
Associate Professor in School of Social Work — *3600 University St.*
4375 King Edward Ave.

RICHARD GEORGE BARTON GILBERT, M.B., B.Sc. (Lond.), Dipl. Anaes. (R.C.P. & S.), L.R.C.P. (Lond.), M.R.C.S. (Eng.), F.A.C.A.
Associate Professor of Anaesthesia and Chairman of the Department
Montreal Neurological Institute
3156 Westmount Blvd.

JAMES EDWARD GILL, Ph.D. (Princeton), B.Sc , F.R.S.C.
Professor of Geological Sciences — *Physical Sciences Centre*
3 Lilac Ave., Dorval

LESLEY ANDREW GILL, B.A., D.D.S.
Lecturer in Dentistry — 4637 Sherbrooke St. W.

DEIRDRE MAY GILLIES, M.D.
Demonstrator in Anaesthesia — *Montreal Neurological Institute*

KENNETH F. GIRARD, B.Sc. (Siena, Albany, N.Y.), M.Sc., Ph.D.
Assistant Professor of Bacteriology — *Pathological Institute*
4863 King Edward Ave.

CLAUDE JEAN-PIERRE GIROUD, M.D. (Paris), Ph D.
Lecturer in Investigative Medicine — *Room 106, Medical Building*
Apt. 73, 3644 Ontario Ave.

GRACE T. GIRVIN, B.A. (Hunter), M.Sc., Ph.D., R.N.
Assistant Professor of Bacteriology — *Pathological Institute*
3530 Durocher St.

PHILIP J. GITNICK, D.D.S.
Lecturer in Dentistry — 1414 Drummond St.

PIERRE GLOOR, M.D. (Basle)
Assistant Professor of Neurology and Assistant Electroencephalographer
Montreal Neurological Institute
7777 Stuart Ave.

JOHN STODDART GODARD, B.Sc., M.C.I.M.M., M.A.I.M.E., P.Eng.
Associate Professor of Mineral Dressing — *Physical Sciences Centre*
15 Brock Ave. S., Montreal West

ALLEN GOLD, M.D., C.M., M.Sc., F.R.C.P. (C.)
Lecturer in Medicine — *Montreal General Hospital*
1610 Pine Ave. W.

SIMON GOLD, B.Sc., M.D., C.M.
Demonstrator in Obstetrics and Gynaecology — *Royal Victoria Hospital*, 1538 Sherbrooke St. W.

RICHARD B. GOLDBLOOM, B.Sc., M.D., C.M.
Demonstrator in Paediatrics — *Montreal Children's Hospital*, 108 Thurlow Rd., Hampstead

VICTOR CHARLES GOLDBLOOM, B.Sc., M.D., C.M.
Demonstrator in Paediatrics — *Montreal Children's Hospital*, 1538 Sherbrooke St. W.

CARL GOLDMAN, M.Eng.
Lecturer in Civil Engineering — *Engineering Building*, 7397 Chester Ave.

ALEC L. GORDON, B.Sc., M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine — 1610 Pine Ave. W.

COLIN DOUGLAS GORDON, B.A. (Alta.), M.A., Ph.D. (Michigan)
Associate Professor of Classics — *Arts Building*, 144 Broadview Ave., Valois

DAVID A. I. GORING, B.Sc. (Lond.), Ph.D. (Cantab. and McGill)
Research Associate in Chemistry — *Chemistry Building*, 6129 Somerled Ave.

ROBERT GOURDEAU, B.A., M.D. (Laval), L.M.C.C.
Demonstrator in Paediatrics — *Montreal Children's Hospital*, 533 Victoria Ave., Westmount

GWEN GOWER-REES
Demonstrator in the School of Physical and Occupational Therapy
Queen Mary Veterans Hospital, Apt. 502, 3605 Ridgewood Ave.

BERNARD GRAD, B.Sc., Ph.D.
Lecturer in Psychiatry — *Allan Memorial Institute*, Apt. 4, 4145 Decarie Blvd.

BERNICE GRAFSTEIN, B.A. (Tor.), Ph.D.
Assistant Professor of Physiology — *Biological Building*, Apt. 6, 3280 Ridgewood Ave.

BERNARD GRAHAM, B.A., B.Sc., M.D., C.M. (Dal.)
Lecturer in Neurology and Registrar at the Neurological Institute
Montreal Neurological Institute, 25 Melbourne Ave.

WILLIAM FREDERICK GRANT, B.A. (Manchester), M.A. (McMaster), Ph.D. (Univ. of Virginia)
Assistant Professor of Genetics — *Macdonald College*

STANLEY MATTHEW GREENHORN, B.A. (U.B.C.), M.D., C.M.
Lecturer in Pathology — *Pathological Institute*, Room 9, 3577 Peel St.

MARGARET C. GREENWAY
Demonstrator in Physical and Occupational Therapy
Royal Edward Laurentian Hospital, Apt. 6, 1643 Lincoln Ave.

HARRY E. GRIFFITHS, M.A. (Middlebury), B.Com.
Associate Professor and Director of Department of Athletics and Director of Sir Arthur Currie Memorial Gymnasium — *The Gymnasium*
3606 Marlowe Ave.

MARGARET GRIFFITHS, B.A. (Western Ont.), Dipl. Soc. Wk. (Tor)., M.A. (Chicago)
Assistant Professor and Field Unit Supervisor in the School of Social Work — *3600 University St.*
456 Mountain Ave., Westmount

GEORGE ANDREW GRIMSON, B.Com.
Comptroller — *Dawson Hall*
4043 Marlowe Ave., N.D.G.

ARNOLD GROSSMAN, M.D., C.M.
Demonstrator in Otolaryngology — *Montreal General Hospital*
Suite 320, 1538 Sherbrooke St. W.

T. IVAN GUILBOARD, B.A. (Loyola), D.D.S.
Assistant Professor of Dentistry — 1411 Stanley St.

KENRICK LEWIS STUART GUNN, B.A. (Western Ont.), M.Sc., Ph.D.
Associate Professor of Physics and Research Supervisor — *Physics Building*
578 Lansdowne Ave.

MORRIS WILLIAM GUNN, B.Sc. (Queensland)
Demonstrator in Electrical Engineering — *Engineering Building*

FRASER NEWMAN GURD, M.Sc.(Med.) (Pennsylvania), M.D., C.M., F.R.C.S. (C.)
Assistant Professor of Surgery — 1538 Sherbrooke St. W.

JEAN MARILYN GUSTAFSON
Demonstrator in Entomology — *Macdonald College*

JOHN ROBERT GUTELIUS, B.A., M.D., C.M., (Univ. of Montreal)
Demonstrator in Anatomy — *Medical Building*
10 Northcote Rd., Hampstead

ALBERT WALTER HADDON, B.Eng.
Lecturer in Agricultural Engineering — *Macdonald College*
16 Cambridge Rd., Baie d'Urfe

BURT BARLOW HALE, M.D., C.M.
Demonstrator in Radiology — *Royal Victoria Hospital*
5205 Hingston Ave.

GEORGE K. HALE, D.D.S.
Demonstrator in Dentistry — 114 Second St., St. Lambert

THOMAS REID HALE, M.D., C.M., F.R.C.P. (C.)
Demonstrator in Medicine — *Montreal General Hospital*
2224 Maple Ave., St. Lambert

C. WAYNE HALL, M.A. (Bishop's)
Professor in the School for Teachers — *Macdonald College*

GERALD WINTER HALPENNY, B.Sc. (in Arts), M.D., C.M., F.R.C.P. (C.), F.A.C.P.
Assistant Professor of Medicine — *Montreal General Hospital*
1414 Drummond St.

LIONEL HIBBERT HAMILTON, B.S.A. (Tor.), M.S. (Wisconsin)
Associate Professor of Animal Husbandry and Chairman of the Department — *Macdonald College*

MARY E. HAMILTON
Demonstrator in the School of Physical and Occupational Therapy — *Queen Mary Veterans Hospital*

REGINALD CLARENCE MACKENZIE HAMILTON, E.D., M.Sc., M.D. (Alta.)
Lecturer in Psychiatry — Ste. Anne's Hospital, Ste. Anne de Bellevue

FRANK KEITH HANSON, Mus.D.
Professor of Education (Music) in the School for Teachers — *Macdonald College*
20787 Lake Shore Rd., Baie d'Urfe

RICHARD GEORGE M. HARBERT, B.Sc., M.D., C.M.
Lecturer in Medicine — *Montreal General Hospital*
1538 Sherbrooke St. W.

F. KENNETH HARE, B.Sc. (Lond.), Ph.D. (Montréal), F.R.G.S., F.R.Met.S.
Professor of Geography, Chairman of the Department, Director of the Sub-Arctic Research Laboratory, and Building Director of the Meteorological Observatory and Geography Building — *539 Pine Ave.*
25 rue de Lombardie, Preville

PATRICIA MARIE HARNEY, B.Sc. (Agr.)
Lecturer in Horticulture — *Macdonald College*

ELEANOR MACKENZIE HARPUR, A.B. (Smith), M.D., C.M.
Demonstrator in Paediatrics — *Montreal Children's Hospital*

ROBERT PETER HARPUR, B.Sc. (N.Z.), M.Sc., Ph.D.
Assistant Professor of Parasitology — *Macdonald College*

CECIL HARRIS, B.Sc., M.D. (Glasgow)
Lecturer in Medicine — *St. Mary's Hospital*
1250 Lombard Crescent, Town of Mount Royal

LEONARD BERNARD HARROP, B.A., Dip. Ed. (Western Australia), Dip. Estud. Hisp. (Santander), M.A. (Interamericana, Mexico), F.I.L.
Associate Professor of Spanish — *Arts Building*
Apt. 69, 3515 Durocher St.

ALLAN J. HARTLEY, B.A. (Western Ont.), M.A. (Tor.)
Lecturer in English — *Arts Building*
1001 Sherbrooke St. W.

MONICA HARVEY, Doctorate (Madrid Univ.)
Lecturer in Romance Languages — *Arts Building*
Apt. 5, 3520 McTavish St.

ROBERT FREDERICK HARVEY, D.D.S.
Lecturer in Dentistry — 4695 Sherbrooke St. W.

WILLIAM H. HATCHER, M.Sc., Ph.D., F.C.I.C., F.R.S.C.
Professor of Chemistry, and General Director of the Physical Sciences Centre
Physical Sciences Centre
4992 King Edward Ave.

WILLIAM E. HAVILAND, B.A. (McMaster), M.A. (Tor.), A.M., Ph.D. (Harvard)
Associate Professor of Agricultural Economics
Macdonald College

STUART CHRISTOPHER MCLEAN HAWKINS, Doctorat (Paris), M.A.
Associate Professor in the School for Teachers
6 Perrault Ave., Ste. Anne de Bellevue

ALAN B. HAWTHORNE, B.A., M.D., C.M.
Assistant Professor of Surgery
Royal Victoria Hospital
1538 Sherbrooke St. W.

RANKIN K. HAY, M.B., B.S. (Durham), F.R.C.S.
Demonstrator in Neurology and Neurosurgery
Montreal Neurological Institute

DONALD O. HEBB, B.A. (Dal.), Ph.D. (Harvard), M.A.
Professor of Psychology and Chairman of the Department
Donner Building
63 Nelson St., Montreal West

GERARD J. HEBERT, B.A. (Montréal), L.Ph., L.Th. (Gregorian Univ., Rome)
Lecturer in Economics and Political Science
Purvis Hall
25 Jarry St. W.

MARCEL HEBERT, B.A. (Loyola), D.D.S.
Demonstrator in Dentistry
1455 Crescent St.

ANGELA HEFFERMAN, M.B., B.S. (Lond.), M.R.C.S. (Eng.), Dipl. in Psychiat.
Demonstrator in Psychiatry
Allan Memorial Institute
3440 Peel St.

LEON HELLER, M.S. (Wisconsin), M.D., C.M.
Lecturer in Anatomy
4735 Cote St. Catherine Rd.

IRVING H. HELLER, M.Sc., M.D., C.M.
Demonstrator and M.N.I. Research Fellow
5077 Victoria Ave.

JOYCE HEMLOW, M.A. (Queen's), A.M., Ph.D. (Harvard)
Professor of English
Arts Building
Apt. 106, 3555 Atwater Ave.

MYER HENDELMAN, M.D., C.M., F.R.C.S. (C.)
Lecturer in Obstetrics and Gynaecology
1374 Sherbrooke St. W.

LEWIS RUFF HENDERSON
Demonstrator in Neurology and Instructor in the Electroencephalography Laboratory
Montreal Neurological Institute
7261 Marquette St.

THOMAS GREENSHIELDS HENDERSON, Ph.D. (Harvard), M.A.
Professor of Philosophy and Chairman of the Department
Arts Building
1556 Summerhill Ave.

GERALD OWEN HENNEBERRY, B.Sc. (Dal.), M.Sc.
Lecturer in Agricultural Chemistry
Macdonald College

ARTHUR MUNROE HENRY, B.A. (Lond.), M.A.
Associate Professor of Education in the School for Teachers
Macdonald College

DONALD W. HENRY, B.A. (Bishop's), D.D.S.
Lecturer in Dentistry
1534 Crescent St.

JOHN S. HENRY, M.D., C.M., M.R.C.O.G., F.A.C.S.
Demonstrator in Obstetrics and Gynaecology
Royal Victoria Montreal Maternity Hospital
3057 Cedar Ave.

ROBINA ELIZABETH HENRY (MRS. H. L.), M.A. (Dublin)
Assistant Professor of Romance Languages
Arts Building
154 Wolseley Ave., Montreal West

ERICH HERBST
Lecturer in Mechanical Engineering
Engineering Building
Apt. 8, 5000 Clanranald Ave.

WOODBURN HERON, M.A., Ph.D.
Assistant Professor of Psychology
Peterson Hall
Apt. 01, 1104 Elgin Terrace

MICHAEL HERSCHORN, B.A.
Lecturer in Mathematics
3425 University St.
Apt. 6, 5400 Randall Ave.

WALTER HENRY PHILIP HILL, B.A., M.D., C.M., M.R.C.P. (Lond.), F.R.C.P. (C.)
Associate Professor of Medicine
Royal Victoria Hospital
3448 Peel St.

DONALD HILLMAN, B.Sc., M.D., C.M.
Demonstrator in Paediatrics
4660 Connaught Ave.

THEODORE LEWIS HILLS, M.A. (Canterbury)
Assistant Professor of Geography
539 Pine Ave.
Apt. 14, 7 Logan St., St. Lambert

LLOYD GEORGE HISEY, M.D. (Tor.)
Lecturer in Psychiatry
Allan Memorial Institute
5249 Prince of Wales Ave.

WALTER F. HITSCHFELD, B.A.Sc. (Tor.) Ph.D.
Associate Professor of Physics
Physics Building
4021 Grand Blvd., N.D.G.

STANLEY HITZIG, B.Com., C.A.
Lecturer in Law
Chancellor Day Hall
6285 De Vimy St.

FRANZ HOBBIGER, M.D., Ph.D.
M.N.I. Research Fellow
Montreal Neurological Institute
510 Pine Ave. W.

RONALD HOBKIRK, B.Sc., Ph.D. (Edinburgh)
Research Associate in Biochemistry
Biological Building
Apt. 2, 3715 Lacombe Ave.

MARTIN MANDELL HOFFMAN, B.A. (Mt. Allison), M.Sc. (Dal.), M.D., C.M., Ph.D.
Associate Professor of Medicine and of Psychiatry
Allan Memorial Institute
608 Victoria Ave., Westmount

TERENCE WILLIAM HOFFMAN, M.Sc.
Lecturer in Chemical Engineering
Physical Sciences Centre
Apt. 4, 4870 Walkley Ave.

PETER JOSEPH HOGAN
Business Manager and Building Director of the Montreal Neurological Institute
Montreal Neurological Institute
5470 - 15th Ave., Rosemount

ROBERT KIRKWOOD HOLCOMB, B.S.A., Ph.D.
Associate Professor of Chemistry
Chemistry Building
Apt. 25, 428 Sherbrooke St. W.

G. ALLISON HOLLAND, B.Com., M.D., C.M., F.R.C.S. (C.)
Assistant Professor of Surgery and Physician in the Student Health Service
Montreal General Hospital
1610 Pine Ave. W.

JOHN HERBERT HOLTON, B.Com. (Tor.)
Secretary of the Board of Governors
Dawson Hall

F. ISABEL HONEY, M.A. (Tor.)
Associate Professor of Home Economics
Macdonald College

JAMES F. HOPKIRK, B.Sc., M.D., C.M. (Dal.), F.R.C.S. (C.)
Demonstrator in Surgery
Royal Victoria Hospital
3448 Peel St.

ESAU HOSEIN, M.Sc., Ph.D.
Sessional Lecturer in Biochemistry
Biological Building
Apt. 24, 2165 Lincoln Ave.

VICTOR HOUGHTON, C.A.
Lecturer in Dentistry
Medical Building
636 Kindersley Ave.

DAVID A. HOWELL, M.B., B.S. (Lond.), M.R.C.S. (Eng.)
Lecturer in Neurology
Montreal General Hospital
Apt. 10, 3280 Ridgewood Ave.

FREDERICK STANLEY HOWES, Ph.D. (Lond.), D.I.C. (Imperial College), M.Sc., F.I.R.E., P.Eng.
Director of University Extension and Professor of Electrical Engineering
Dawson Hall
Apt. 412, 3375 Ridgewood Ave.

FRANCIS HOWITT, Dip. (R.N.E.C.)
Lecturer in Mechanical Engineering
Engineering Building
1264 Allard Ave., Verdun

JOHN GERRARD HOWLETT, M.D., C.M., M.Sc., M.R.C.P. (Lond.), F.R.C.P.(C.)
Associate Professor of Medicine
Royal Victoria Hospital
3448 Peel St.

BRIAN RALPH HUNT, B.A., Ch.B. (Oxon.), L.D.C.C.
Demonstrator in Psychiatry
Allan Memorial Institute
955 McNaughton Rd., Town of Mount Royal

EDITH HUNTER
Assistant Warden of Stewart Hall
Macdonald College

ROBIN CYRIL ADAIR HUNTER, M.D., C.M.
Lecturer in Psychiatry
Allan Memorial Institute
1290 Pine Ave. W.

ELEANOR W. HURD (MRS. G. T.), B.Sc. (Alta.), M.P.H. (Michigan), Cert. Sch. Grad. N.
Assistant Professor in School for Graduate Nurses — *Beatty Hall*, 1546 McGregor St.

R. LEIGHTON HUTSON, M.A. (Montreal), B.A.
Demonstrator in Psychiatry — *Allan Memorial Institute*, Apt. 20, 4850 Maplewood Ave.

REED WARREN HYDE, M.D., C.M., F.R.C.S. (C.)
Demonstrator in Otolaryngology — 4459 Sherbrooke St. W.

S. S. HYDER, B.S. (Aligarh, U.P.)
Demonstrator in Mechanical Engineering — *Engineering Building*, 3630 Hutchison St.

RADU M. R. ILIESCU-CONSTANTINE, M.D., Chir. D. (Bucharest)
Demonstrator in Anatomy — *Medical Building*

JOHN DAVID IVES, B.A. (Nottingham)
Assistant Professor of Geography and Director of the McGill Sub-Arctic Research Laboratory — *539 Pine Ave. West*

GEORGE DONALD JACKSON, B.A. (Manitoba), M.A. (Tor.)
Lecturer in Romance Languages — *Arts Building*, 29 Chesterfield Ave.

GEORGE JACOBSON, B.Sc. (Vienna)
Honorary Lecturer in Geography — *539 Pine Ave. W.*, 3440 Ontario Ave.

F. CYRIL JAMES, Chevalier de la Légion d'Honneur, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Laval, etc.), D. de l'U. (Montréal), D.C.L. (Bishop's), LL.D. (Toronto, Glasgow, etc.), F.R.S.C.
Principal and Vice-Chancellor of the University and Professor of Political Economy — *Dawson Hall*, 1200 Pine Ave. W.

ROBERT EDWARDS JAMIESON, O.B.E., M.Sc., P.Eng.
Director of Planning for the Brace Bequest — *Engineering Building*, 234 Metcalfe Ave., Westmount

ANNIE ELIZABETH JAQUES (on leave of absence)
Lecturer in the School for Teachers — *Macdonald College*

HERBERT HENRI JASPER, A.B. (Reed), M.A. (Oregon), Ph.D. (Iowa), D.-ès-Sc. (Paris), M.D., C.M.
Professor of Experimental Neurology, and Physician-in-charge of the Neurophysiology and the Electroencephalography Laboratories — *Montreal Neurological Institute*, 804 Upper Lansdowne Ave.

MARJORIE MCMILLEN JENKINS, B.Sc. (H.Ec.) (Alta.), M.Sc.
Assistant Professor in the School of Household Science — *Macdonald College*

ARNOLD LIVINGSTONE JOHNSON, M.D., C.M., M.Sc. (on leave of absence)
Assistant Professor of Paediatrics and Lecturer in Physiology — *Montreal Children's Hospital*, 370 Geneva Crescent, Town of Mount Royal

W. Austin Johnson, B.A., B.C.L.
Lecturer in Architecture
507 Place d'Armes

Kenneth Burns Johnston, M.M., M.D., C.M., D.O.M.S. (E.), F.R.C.S. (C.)
Professor of Ophthalmology and Chairman of the Department
Royal Victoria Hospital
1509 Sherbrooke St. W.

Wilbur Austin Johnston
Supervisor of Athletics Facilities
Currie Gymnasium
3425 Ridgewood Ave.

Wilfred James Johnston, D.D.S.
Associate Professor of Dentistry
Suite 1102, 1414 Drummond St.

George Wilfred Joly, B.A. (Loyola), M.Eng.
Assistant Dean of the Faculty of Engineering and Associate Professor of Civil Engineering
Engineering Building
5675 Bannantyne Ave., Verdun

Archibald R. C. Jones, B.Sc. (Tor.)
Lecturer in Wood Lot Management
Macdonald College

Arnold Jones, B.Sc. (U.N.B.), M.D., C.M., F.R.C.S. (C.)
Demonstrator in Surgery
Montreal General Hospital
17 Willow Ave.

Evan H. Jones, D.D.S.
Demonstrator in Dentistry
411 Queen St., Ottawa

F. M. Jones
Lecturer in Health and Social Medicine
517 Pine Ave. W.
Du Pont Company, 1135 Beaver Hall Hill

Guy Joron, B.A. (Loyola), M.D., C.M.
Demonstrator in Medicine
Montreal General Hospital
1414 Drummond St.

Winthrop Otis Judkins, A.M., Ph.D. (Harvard)
Associate Professor of Fine Arts and Chairman of the Department
Arts Building
40 Hillcrest Ave., Pointe Claire

Agathe Juhasz, M.D. (Budapest)
Research Associate at the McGill-M.G.H. Research Institute
3619 University St.
2505 Van Horne Ave.

Sidney Kahana, M.Sc. (Manitoba), Ph.D. (Edin.)
Visiting Assistant Professor of Mathematics
Physical Sciences Centre
Apt. G-7, 4720 Dupuis Ave.

David S. Kahn, B.A. (Sask.), M.D. (Tor.)
Sessional Lecturer in Pathology
Pathological Institute
4864 Bessborough Ave.

Frederick Kalz, M.D. (Prague)
Assistant Professor of Medicine
Royal Victoria Hospital
1414 Drummond St.

Gertrude G. Kalz (Mrs. F.), M.D., D.P.H. (Prague)
Associate Professor of Bacteriology and Immunology
Pathological Institute
3766 Marlowe Ave.

LUCIA KAPICA, B.Sc. (Univ. College of Wales)
Lecturer in Bacteriology — *Pathological Institute*, 73 Pine Beach Blvd., Dorval

GORDON MACCORQUODALE KARN, B.Sc., M.D., C.M., M.Sc., Dipl. Surg., F.R.C.S.
Demonstrator in Surgery — 4380 Harvard Ave.

HYMAN KAUFMAN, M.Sc., Ph.D.
Associate Professor of Mathematics — *3425 University St.*, 4847 Grand Blvd.

CLIFFORD D. KELLY, M.S.A. (U.B.C.), Ph.D. (Cornell)
Assistant Professor of Bacteriology and Immunology — *Pathological Institute*, 3450 McTavish St.

MURRAY C. KEMP, B.Com., M.A. (Melbourne)
Associate Professor of Economics — *Purvis Hall*

ROBERT KENEDI
Demonstrator in Electrical Engineering — *Engineering Building*, Apt. 4, 3745 Dupuis Ave.

W. ROLAND KENNEDY, B.Sc., M.D., C.M.
Assistant Professor of Medicine — *Montreal General Hospital*, 1538 Sherbrooke St. W.

LEONARD E. KENT, JR., B.Sc., D.D.S.
Demonstrator in Dentistry — *Medical Building*, 760 - 44th Ave., Lachine

DONALD KEPRON, M.S.D. (Michigan), D.D.S.
Assistant Professor of Dentistry — *Donner Building*, 3609 University St.

ILONA KERNER, M.D. (Budapest)
Teaching Fellow in Pathology — *Pathological Institute*, Apt. 2, 397 St. Joseph Blvd. W.

JOHN KERR, B.A.
Honorary Lecturer in Religious Instruction — *Macdonald College*

D. K. MCE. KEVAN. B.Sc. (Edin.), Ph.D. (Nottingham)
Professor of Entomology — *Macdonald College*

ERIC WILLIAM KIERANS, B.A. (Loyola)
Director of the School of Commerce, Professor of Commerce, and Director of Purvis Hall and of Duggan House — *Purvis Hall*, 5631 Queen Mary Rd.

P. EMMET KIERANS, B.A. (Queen's), B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 2463 Westhill Ave.

DONALD M. KINGSBURY, B.Sc.
Lecturer in Mathematics — *3425 University St.*, 2108 Maplewood Ave.

H. DAVID KIRK, B.S. (N.Y.), M.A., Ph.D. (Cornell)
Associate Professor in the School of Social Work — *3600 University St.*, 54 - 6th Ave., Laval West

JOHN G. KIRKPATRICK, B.Sc., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 634 Victoria Ave., Westmount

LEO S. S. KIRSCHBERG, M.D., C.M.
Lecturer in Ophthalmology — *Royal Victoria Hospital*, Suite 25, 1390 Sherbrooke St. W.

DAVID KLEIN, M.D., C.M., D.P.H.
Demonstrator in Paediatrics — *Montreal Children's Hospital*, Apt. 2, 5480 Lemieux Ave.

RAYMOND KLIBANSKY, M.A. (Oxon.), D.Phil. (Heidelberg)
Professor of Philosophy — *Duggan House*, 3450 McTavish St.

SLAVA KLIMA, M.A., Ph.D. (Yale)
Assistant Professor of English — *Arts Building*, 1531 Bishop St.

HAROLD R. KLINCK, B.S.A. (Ont. Agr. Coll.), M.Sc.
Assistant Professor of Agronomy — *Macdonald College*

E. CLIFFORD KNOWLES, B.D. (Tor.), D.D. (U.T.C.), M.A.
University Chaplain and Student Counsellor, and Sessional Lecturer in Public Speaking in the Faculty of Engineering — *Arts Building*, 5221 Westmore Ave., N.D.G.

ROGER KNOWLES, B.Sc. (Birmingham), Ph.D. (Lond.)
Lecturer in Agricultural Bacteriology — *Macdonald College*

WADAW KOZAKIEWICZ, M.A., Ph.D. (Warsaw)
Associate Professor of Mathematics — *3425 University St.*, Main Rd., Hudson Heights

VOJTECH ADALBERT KRAL, M.D. (Prague)
Assistant Professor of Psychiatry and Director of the Gerontological Laboratory at the Allan Memorial Institute — *Verdun Protestant Hospital*, 4145 Blueridge Crescent

ERNST HAKAN KRANCK, D.Sc. (Helsingfors)
Professor of Geological Sciences — *Physical Sciences Centre*, Hudson Heights

HENRY KRAVITZ, B.A., M.D., C.M.
Demonstrator in Psychiatry — *Allan Memorial Institute*, 5050 Clanranald Ave.

ALOJS KRKOVIC, B.Eng.
Demonstrator in Civil Engineering — *Engineering Building*, Apt. 10, 1615 Lincoln Ave.

RAYMOND LACHAPELLE, B.A. (Montréal), B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 4553 Delorimier Ave.

WILLIAM ARTHUR RICHARD LAING, B.A., M.D., C.M.
Demonstrator in Medicine — *Montreal General Hospital*

MARSHALL LAIRD, M.Sc., Ph.D., D.Sc. (New Zealand)
Assistant Professor of Parisitology — *Macdonald College*, 1A Maple Ave., Ste. Anne de Bellevue

LAMBERT LAMARCHE, B.A., LL.L. (Laval)
Lecturer in Law — *Chancellor Day Hall*, 40 Beloeil Ave.

ROLAND THOMAS LAMB, B.Sc., D.D.S.
Lecturer in Dentistry — Suite 1122, 1414 Drummond St.

JOACHIM LAMBEK, M.Sc., Ph.D.
Associate Professor of Mathematics — *3425 University St.*
49 Macaulay Ave., St. Lambert

PATRICIA LAMBERT
Demonstrator in Physical and Occupational Therapy — *Montreal General Hospital*
Apt. 10, 5920 Souart St.

WALLACE E. LAMBERT, B.A. (Brown), M.A. (Colgate), Ph.D. (North Carolina)
Assistant Professor of Psychology — *Donner Building*
Apt. 4, 4990 Walkley Ave.

MANUEL PHILLIP LANGLEBEN, M.Sc., Ph.D.
Lecturer in Physics — *Physics Building*
8180 Wiseman Ave.

JAN LANGMAN, Ph.D., M.D.
Associate Professor of Anatomy — *Medical Building*

ALBERT W. LAPIN, B.A., M.D., C.M., M.R.C.P. (Lond.), F.R.C.P. (C.)
Lecturer in Medicine — *Montreal General Hospital*
4119 Sherbrooke St. W.

MARC LAPOINTE, B.A. (Montreal), M.C.L.
Lecturer in Law — *Chancellor Day Hall*
10252 Waverley St.

HÉLÈNE LARIVIÈRE (MRS. P. L.), Agrégée de l'Université de France
Associate Professor of Romance Languages — *Arts Building*
1532 Pine Ave. W.

ERIC WILLIAM LARKING, M.D., C.M., R.C.P.S. (C.)
Demonstrator in Anaesthesia — *Royal Victoria Hospital*
161 Monterrey Ave., Lakeside Heights

JEAN PAUL A. LATOUR, B.Sc., M.D., C.M.
Assistant Professor of Obstetrics and Gynaecology — *Royal Victoria Hospital*
4820 Western Ave., Westmount

JEAN E. L. LAUNAY, Licencié-ès-Lettres, Diplômé d'Études Supérieures (Paris), Agrégé de l'Université de France
Chairman of the Humanities Group in the Faculty of Arts and Science, Professor of French Language and Literature and Chairman of the Department of Romance Languages — *Arts Building*
4003 Oxford Ave.

RAY NEWTON LAWSON, B.A., M.D. (Western Ont.), F.R.C.S.
Demonstrator in Surgery — *Royal Victoria Hospital*
1509 Sherbrooke St. W.

CHARLES PHILIPPE LEBLOND, M.D. (Paris), Ph.D. (Montréal), D.Sc. (Sorbonne)
Professor of Anatomy and Chairman of the Department — *Medical Building*
68 Chesterfield Ave., Westmount

GERALD ERIC LE DAIN, D. de l'U. (Lyon), B.C.L.
Associate Professor of Law — *Chancellor Day Hall*
3229 Maplewood Ave.

RODNEY ALEXANDER LEFEBVRE, D.D.S.
Demonstrator in Dentistry — 1224 St. Catherine St. W.

HEINZ EDGAR LEHMANN, M.D. (Berlin)
Assistant Professor of Psychiatry — *Verdun Protestant Hospital*, 6603 Lasalle Blvd., Verdun

WILFRED LEITH, B.A. (Mount Allison), M.D., C.M. (Dal.)
Lecturer in Medicine — 4119 Sherbrooke St. W.

CHARLES STUART LEMESURIER, Q.C., B.A., B.C.L., LL.D. (Glasgow)
Professor of Law (Post-retirement) — *Chancellor Day Hall*, 129 Arlington Ave., Westmount

RIA LENSSENS (MRS. ALBERT HEYNINX)
Instructor in Singing — *Conservatorium of Music*, Apt. 9, 3850 Cote St. Catherine Rd.

C. LEONARD, B.A., M.D., C.M.
Honorary Demonstrator in Anatomy — *Medical Building*, 812 Rockland Ave.

ROBERT LEVEQUE, B.A., LL.B. (Montréal)
Lecturer in Law — *Chancellor Day Hall*, 3769 de la Peltrie

DOUGLAS CLIFTON LEVIN, M.B.B.S. (Lond.)
Demonstrator in Psychiatry — *Montreal General Hospital*, 1509 Sherbrooke St. W.

SEYMOUR LEVINE, M.Eng.
Lecturer in Mechanical Engineering — *Engineering Building*, 4995 Hingston Ave.

BENJAMIN ABRAHAM LEVITAN, B.Sc., M.D., C.M.
Lecturer in Medicine — *Royal Victoria Hospital*, 1374 Sherbrooke St. W.

LEONARD LEVY, B.A., L.R.C.P. (Dublin), L.R.C.S. (Ireland)
Demonstrator in Psychiatry — *Allan Memorial Institute*, 4861 Grosvenor Ave.

KAR KWAN LIANG, B.Eng.
Demonstrator in Electrical Engineering — *Engineering Building*, Apt. 306, 5000 Clanranald Ave.

JACOB B. LIGHTMAN, LL.B. (George Washington), M.S.S. (New York)
Associate Professor in School of Social Work — *3600 University St.*, 4902 Victoria Ave.

GEORGE D. LITTLE, M.D., C.M., F.A.C.S.
Lecturer in Surgery — 1538 Sherbrooke St. W.

VICTOR N. LITVINOWICZ, M.Ph. (Warsaw)
Lecturer in German — *Arts Building*, 878 Rockland Ave.

LEWIS LLOYD, M.Sc., Ph.D.
Associate Professor of Nutrition — *Macdonald College*

DONALD LAVELL LLOYD-SMITH, M.D., C.M., F.R.C.P.
Assistant Professor of Neurology and Neurosurgery and Librarian at the Montreal Neurological Institute — *Montreal Neurological Institute*, 637 Belmont Ave.

JOHN CRAIG LOCKE, B.Sc., M.D., C.M., Cert. Ophthal. (R.C.P. & S.), Dip. (Amer. Board Ophthal.)
Professor of Ophthalmology and Chairman of the Department
1414 Drummond St.

EMILE A. LODS, D.-ès-Sc. (Montréal), M.S.A., F.A.I.C.
Superintendent of Provincial Seed Farm (Post-retirement)
Macdonald College

ELIZABETH LOGAN, B.Sc. (Acadia), Master of Nursing (Yale) (on leave of absence)
Assistant Professor in the School for Graduate Nurses
Beatty Hall
Apt. 1, 3495 Peel St.

EARLE LEONARD LOMON, Ph.D. (Mass. Inst. of Tech.), B.Sc.
Associate Professor of Mathematics
Physical Sciences Centre
2429 Barclay Ave.

RICHARD CULVER LONG, B.Sc., M.D., C.M.
Demonstrator in Surgery
Royal Victoria Hospital
3448 Peel St.

MARVIN N. LOUGHEED, M.D., C.M., F.R.C.P. and S.
Demonstrator in Radiology
Montreal General Hospital

HERBERT RONALD LOUTTIT, D.D.S.
Demonstrator in Dentistry
4470 Sherbrooke St. W.

GORDON READMAN LOWTHER, M.A. (Cantab.)
Acting Curator of McCord Museum
3507 Drummond St.
Apt. 10, 1431 Mackay St.

GEORGE LUBINSKY, M.B.Bc., M.D. (Kiev), Ph.D.
Research Associate in Parasitology
Macdonald College

ALEC LUCAS, M.A. (Queen's), A.M., Ph.D. (Harvard)
Assistant Professor of English
Arts Building
Apt. 306, 3484 Durocher Ave.

ELMER LUCHTERHAND, M.A., Ph.D. (Wisconsin)
Assistant Professor of Sociology
Arts Building
229 Melville Ave., Westmount

JOSEPHUS CORBUS LUKE, M.B.E., B.A., M.D., C.M., F.R.C.S. (Eng. and C.)
Assistant Professor of Surgery
Royal Victoria Hospital
1390 Sherbrooke St. W.

GIAN FLORENCE LYMAN
Instructor in Music
Conservatorium of Music
486 Lansdowne Ave., Westmount

JAMES LORNE MACARTHUR, M.D. (Western Ont.), M.R.C.O.G., F.A.C.S., F.R.C.S. (C.)
Lecturer in Obstetrics and Gynaecology
Montreal General Hospital
1414 Drummond St.

WILLIAM NORSEWORTHY MCBAIN, B.Com. (Alta.), M.A. (U.B.C.), Ph.D. (California)
Assistant Professor of Psychology
Peterson Hall
324 Monmouth Ave., Town of Mount Royal

MOLLIE E. MCBRIDE, B.Sc. (Dalhousie), M.A. (Bryn Mawr), R.N.
Teaching Fellow in Bacteriology
Pathological Institute
Apt. 7, 3573 Lorne Ave.

MARY FRANCES MCCALL, M.D., C.M.
Demonstrator in Paediatrics — 2777 Hill Park Circle

RONALD STORR MCCALL, B.Phil (Oxon.), B.A.
Lecturer in Philosophy — *Arts Building*, 2777 Hill Park Circle

EVAN ALEXANDER MACCALLUM, M.D.,C.M., F.R.C.S.(C.)
Demonstrator in Obstetrics and Gynaecology — *Montreal General Hospital*

JAMES LESTER MCCALLUM, B.A., M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine — *Montreal General Hospital*, 1610 Pine Ave. W.

JOHN JOSEPH MCCARTHY, B.Sc. (St. F. X.), D.D.S.
Lecturer in Dentistry — 1414 Drummond St.

KATHLEEN STARR MCCORMICK, B.A. (Tor.)
Lecturer in the School of Household Science — *Macdonald College*

JAMES ROLAND MCCORRISTON, B.A. (Sask.), M.D., C.M. (Queen's), M.Sc., F.R.C.S. (C.)
Assistant Professor of Surgery — *Donner Building*, Apt. 44, 3300 Ridgewood Ave.

DONALD ROSS MCCRIMMON, M.D., C.M.
Demonstrator in Paediatrics — *Montreal Children's Hospital*, 1538 Sherbrooke St. W.

PAUL FLETCHER MCCULLAGH, B.A. (Tor.), Ph.D. (Chicago), M.A.
Associate Professor of Classics and Chairman of the Department — *Arts Building*, 3562 University St.

JAMES MCCUTCHEON, M.S.D. (Michigan), B.A., D.D.S., F.A.C.D.
Dean of the Faculty of Dentistry and Associate Professor of Dentistry — *Donner Building*, 25 Madsen Ave., Beaurepaire

JOHN OLIVER MCCUTCHEON, M.Eng.
Associate Professor of Civil Engineering — *Engineering Building*, 516 Grosvenor Ave., Westmount

PEMBROKE NOEL MACDERMOTT, M.D., C.M
Assistant Professor of Paediatrics — *Montreal Children's Hospital*, 380 Grosvenor Ave.

ALLISON DAVID MACDONALD, M.D., C.M.
Lecturer in Medicine and Clinical Medicine — *Royal Victoria Hospital*, Suite 12, 1509 Sherbrooke St. W.

ALEXANDER W. MCDONALD, M.D., C.M.
Demonstrator in Anaesthesia — *Montreal Children's Hospital*

CHARLES C. MACDONALD, B.A., M.D., C.M.
Demonstrator in Medicine — *Montreal General Hospital*, 3410 Benny Ave.

KATHLEEN L. MACDONALD, B.Sc.N. (Alta.), M.N. (Washington)
Lecturer in the School for Graduate Nurses — *Beatty Hall*, Apt. 23, 3820 Cote St. Catherine Rd.

SAMUEL ARTHUR MACDONALD, B.A., M.B., Ch.B. (Edin.), F.I.C.S., F.R.C.S. (C.)
Lecturer in Surgery
Montreal General Hospital
1414 Drummond St.

COLIN MALCOLM MCDOUGALL, D.S.O., B.A.
Registrar, and Secretary of Senate
Dawson Hall
433 Lansdowne Ave.

JAMES URQUHART MACEWAN, B.Sc. (Queen's), M.S. (Montana School of Mines)
Chairman of the Chemical Engineering, Mining and Metallurgy Group in the Faculty of Engineering, Birks Professor of Metallurgy, Chairman of the Department and Deputy Director of the Physical Sciences Centre
Physical Sciences Centre
3534 University St.

DAVID L. MACFARLANE, B.S.A., M.Sc. (Sask.), Ph.D. (Minnesota)
Professor of Agricultural Economics and Chairman of the Department
Macdonald College

JOHN ELWOOD MCFARLANE, M.A. (Sask.)
Assistant Professor of Entomology
Macdonald College

KENNETH TURVILLE MACFARLANE, M.D. (Western Ont.), M.R.C.O.G., F.A.C.S.
Assistant Professor of Obstetrics and Gynaecology
Montreal General Hospital
1374 Sherbrooke St. W.

ELEANOR E. MCGARRY, B.Sc., M.D., C.M.
Lecturer in Medicine and Clinical Medicine
University Clinic, R.V.H.
4022 Gray Ave.

MAURICE MCGREGOR, M.B.B.Ch., M.D. (Johannesburg), M.R.C.P. (London)
Lecturer in the University Clinic, R.V.H.
Montreal Children's Hospital

HOLLIE EDWARD MCHUGH, B.Sc., M.D., C.M., D.L.O. (R.C.P. & S.)
Lecturer in Otolaryngology
Royal Victoria Hospital
3448 Peel St.

CLARENCE A. MCINTOSH, B.A., M.D., C.M.
Assistant Professor of Surgery
Royal Victoria Hospital
1390 Sherbrooke St. W.

DONALD JOSEPH MACINTOSH, B.A. (St.F.X.), M.D., C.M., Dipl. Int. Med., F.R.C.P. (C.)
Lecturer in Medicine
Montreal General Hospital

FRANK C. MACINTOSH, M.A. (Dal.), Ph.D., F.R.S.
Joseph Morley Drake Professor of Physiology and Chairman of the Department
Biological Building
145 Wolseley Ave. N., Montreal West

JOHN FORBES MCINTOSH, B.A. (U.N.B.), M.D., C.M.
Associate Professor of Medicine
Royal Victoria Hospital
19 Springfield Ave., Westmount

JOHN MURRAY MCINTYRE, M.D., C.M., F.R.C.S. (C.)
Demonstrator in Surgery
2980 Kirkfield Ave.

ALEXANDER RONALD MCKAY, B.Eng.
Lecturer in Mechanical Engineering — *Engineering Building*
Apt. 410, 1250 Lombard Crescent, Town of Mount Royal

JOSEPH WILLIAM MCKAY, M.D., C.M. (Dal.), F.R.C.P. (C.)
Associate Professor of Radiology — *Montreal General Hospital*

VERNON GARNET MACKAY, M.Sc.
Lecturer in Animal Husbandry — *Macdonald College*

RICHARD DONALD MCKENNA, B.A. (Montréal), M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine — *Royal Victoria Hospital*
1390 Sherbrooke St. W.

KENNETH READING MACKENZIE, B.A., M.D., C.M., Ph.D., L.R.C.P. (Lond.), M.R.C.S. (Eng.)
Assistant Professor of Medicine and Assistant Professor in the Medical Clinic — *Royal Victoria Hospital*
Apt. 301, 3425 Stanley St.

ALASTAIR THOMSON MCKINNON, M.A. (Tor.), Ph.D. (Edin.)
Assistant Professor of Philosophy — *Arts Building*
4240 Grand Blvd.

KENNETH JOSEPH MACKINNON, B.Sc. (St. F.-X.), M.D., C.M. (Dal.)
Demonstrator in Surgery — 3448 Peel St.

HELEN GEORGINA MCKIRDY, B.Sc.(H.Ec.)
Lecturer in Household Science — *Macdonald College*

JOHN T. MCLEAN, M.D. (Man.)
Lecturer in Surgery — *Royal Victoria Hospital*
Suite 202, 1538 Sherbrooke St. W.

W. GILLIES MCLELLAN, B.A., M.D., C.M.
Honorary Lecturer in Medicine — *Royal Victoria Hospital*
1538 Sherbrooke St. W.

HUGH MACLENNAN, B.A. (Dal.), M.A. (Oxon.), A.M., Ph.D. (Princeton), D.Litt. (Western Ont.), F.R.S.C.
Associate Professor of English — *Arts Building*
1535 Summerhill Ave.

ALASTAIR WILLIAM MACLEOD, B.Sc., M.B., Ch.B., D.P.H. (Glasgow), Dip. Psych. Med., M.R.C.P. (Lond.)
Assistant Professor of Psychiatry and Lecturer in Health and Social Medicine — 531 Pine Ave. W.

ROGER EMMETT MCMAHON, D.D.S.
Assistant Professor of Dentistry — 1414 Drummond St.

CHARLES WILLIAM MACMILLAN, M.D., C.M. (Dal.), D.P.H. (Tor.)
Associate Professor of Health and Social Medicine — *490 Pine Ave. W.*
359 Melville Ave., Westmount

GARDNER C. MCMILLAN, M.D., C.M., M.Sc., Ph.D.
Strathcona Professor of Comparative Pathology and Chairman of the Department — *Pathological Institute*
370 - 41st Ave., Lachine

WILLIAM JAMES MCNALLY, B.A., M.D., C.M. (Dal.), LL.D. (St.F.X.), M.Sc., D.Sc., F.R.C.S. (C.)
Professor of Otolaryngology and Chairman of the Department — *Royal Victoria Hospital*, 1509 Sherbrooke St. W.

ERIC A. MCNAUGHTON, M.D., C.M., F.R.C.S. (C.)
Assistant Professor of Surgery — *Montreal General Hospital*, Suite 316, 1414 Drummond St.

FRANCIS LOTHIAN MCNAUGHTON, B.A., M.D., C.M., M.Sc.
Associate Professor of Neurology and Assistant Director of the Montreal Neurological Institute — *Montreal Neurological Institute*, 618 Victoria Ave., Westmount

ANNA ISOBEL MCPHERSON, Ph.D. (Chicago), B.A., M.Sc.
Associate Professor of Physics — *Physics Building*, 24 Fenwick Ave., Montreal West

WILLIAM J. MCQUILLAN, B.A. (Loyola), B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 2930 Kirkfield Ave.

MELVYN MCQUITTY, M.B. (Tor.)
Demonstrator in Medicine — Ste. Anne's Hospital, Ste. Anne de Bellevue

DONALD LANE MCRAE, M.D. (Western Ont.)
Associate Professor of Radiology — *Montreal Neurological Institute*

DAVID JOHN LOGAN MACWATT, M.B., Ch.B.
Demonstrator in Anaesthesia — 7375 Maynard St.

EDWARD DAVID MACKEY
Supervisor of Staff Records — *Dawson Hall*, 341 Woodland Ave., Verdun

BIRESH C. MAHANTI
Demonstrator in Anatomy — *Medical Building*, 7745 Sherbrooke St. E.

HELEN MAHUT, B.A. (Sir George Williams), M.A., Ph.D.
Lecturer in Psychology — *Donner Building*, Apt. 48, 3630 Durocher St.

ALLAN CLYDE MALLOCH, B.Sc. (Queen's)
Assistant Professor of Agricultural Engineering — *Macdonald College*

ARCHIBALD EDWARD MALLOCH, B.A. (Queen's), M.A. (Tor.)
Assistant Professor of English — *Arts Building*, 524 Lansdowne Ave., Westmount

JAMES RUSSELL MALLORY, B.A. (U.N.B.), M.A. (Dal.), LL.B. (Edin.)
Associate Professor of Economics and Political Science — *Arts Building*, 632 Grosvenor Ave.

CONNOLLY JAMES MALLOY, B.A. (Montréal), M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine — *Royal Victoria Hospital*, Suite 1, 1509 Sherbrooke St. W.

ROBERT B. MALMO, M.A. (Missouri), Ph.D. (Yale), F.A.P.A.
Associate Professor of Psychology in the Department of Psychiatry
Allan Memorial Institute
814 Graham Blvd., Town of Mount Royal

EDITH MARION MANKIEWICZ, M.Sc. (Leipzig), M.D. (Université de Lyon)
Lecturer in Bacteriology *Pathological Institute*

ALAN MANN, M.D., C.M.
Lecturer in Psychiatry *Montreal Children's Hospital*
132 Thornton Ave., Town of Mount Royal

PAUL R. MARCHAND, D.D.S.
Assistant Professor of Dentistry 1538 Sherbrooke St. W.

D. M. MARCUS, M.D., C.M. (Queen's), F.R.C.P. (C.)
Demonstrator in Medicine and Clinical Medicine
Montreal General Hospital
5220 King Edward Ave.

GEOFFREY V. MARR, B.Sc. (Manchester), Ph.D. (Reading)
Lecturer in Physics *Eaton Electronics Laboratory*
Apt. 12, 3854 Northcliffe Ave.

JOAN C. MARSDEN, Ph.D. (California), M.Sc.
Lecturer in Zoology *Biological Building*
Apt. 9, 3589 Lorne Ave.

DONALD MARSH, B.A. (U.N.B.), M.A. (Louisiana State), Ph.D. (Illinois)
Chairman of the Social Studies and Commerce Groups in the Faculty of Arts and Science, Bronfman Professor of Economics and Political Science, and Chairman of the Department *Purvis Hall*
43 Beaconsfield Ave., Beaconsfield

ARTHUR RICHARD MARSHALL, B.Com. (Dal.)
Assistant Professor in the School of Commerce *Purvis Hall*
Apt. 100, 3465 Ridgewood Ave.

J. STEWART MARSHALL, M.A. (Queen's), Ph.D. (Cantab.)
Professor of Physics and Assistant Director of the Observatory
Physics Building
900 McGregor St.

CECIL P. MARTIN, M.A., M.B., Ch.B., Sc.D. (Dublin), M.R.I.A.
Professor of Anatomy (Post-retirement) *Medical Building*
3534 University St.

JOHN MARTIN, B.Sc., M.D., C.M., M.R.C.P. (Lond.), F.R.C.P. (C.)
Demonstrator in Medicine and in Clinical Medicine 1414 Drummond St.

S. JAMESON MARTIN, M.D., C.M., F.R.C.S. (Edin. and C.)
Associate Professor of Surgery and Assistant Professor of Oral Surgery
Montreal General Hospital
Suite 25, 1414 Drummond St.

WILLIAM MACPHAIL MARTIN, B.Sc. (Queen's), Ph.D.
Associate Professor of Physics *Physics Building*
49 Brookhaven Ave., Dorval

STANLEY G. MASON, B.Eng., Ph.D.
Research Associate in Chemistry — *Pulp and Paper Institute*
443 Claremont Ave., Westmount

ANNE MARIE MASSON, B.A. (Strasbourg), M.D. (Paris)
Assistant Professor of Bacteriology and Immunology
Pathological Institute
5597 Canterbury Ave.

BALLEM H. MATHESON, B.Sc. (Macdonald), M.Sc. (Dalhousie), Ph.D.
Lecturer in Bacteriology — *Pathological Institute*
Apt. 25, 1540 Decarie Blvd.

WILLIAM H. MATHEWS, M.D., C.M.
Assistant Professor of Pathology — *Montreal General Hospital*
270 Laird Blvd., Town of Mount Royal

GORDON MATHIESON, M.B., Ch.B. (Aberdeen)
Assistant Professor of Neurology and Neurosurgery and Lecturer in Pathology
Montreal Neurological Institute
Apt. 403, 1537 Summerhill Ave.

JAMES FREDERICK MATHISON, B.A.
Assistant Professor of Physics — *Radiation Laboratory*
Apt. 10, 3255 Ridgewood Ave.

WILLIAM MATHISON, B.Sc. (Glasgow)
Assistant Professor of Civil Engineering — *Engineering Building*
795 - 45th Ave., Lachine

GEORGE B. MAUGHAN, M.D., C.M., M.Sc., M.R.C.O.G., F.A.C.S.
Professor of Obstetrics and Gynaecology and Chairman of the Department
Royal Victoria Hospital
1414 Drummond St.

WILLIAM ALFRED MAW, M.S.A., F.P.S.
Professor of Poultry Husbandry and Chairman of the Department
Macdonald College
11 Maple Ave., Ste. Anne de Bellevue

PAUL E. MAYCOCK, B.A. (Queen's), M.Sc., Ph.D. (Wisconsin)
Lecturer in Botany — *Biological Building*
Apt. 21, 4820 Cote St. Catherine Rd.

JONATHAN FAYETTE MEAKINS, M.A. (Cantab.), M.D., C.M., F.R.C.P. (C.), F.C.C.P.
Assistant Professor of Medicine — *Royal Victoria Hospital*
Suite 25, 1390 Sherbrooke St. W.

KENNETH MEEK, Mus. B. (Tor.), L.Mus.
Instructor in Music — *Conservatorium of Music*
1104 Elgin Terrace

EUGENE MEEROVITCH, B.Sc. (St. John's, Shanghai), M.Sc., Ph.D.
Lecturer in Parasitology — *Macdonald College*

SAMUEL MELAMED, M.Sc., Ph.D.
Assistant Professor of Mathematics — *3425 University St.*
4868 Melrose Ave.

M. DOROTHEA MELLOR, B.Sc., M.D., C.M.
Physician in the Student Health Service — *Royal Victoria College*
619 Belmont Ave.

KENNETH IVAN MELVILLE, M.D., C.M., M.Sc.
Professor of Pharmacology and Chairman of the Department
Biological Building
4937 Circle Rd.

ZDZISLAW ALEXANDER MELZAK, Ph.D. (Mass. Inst. of Tech.), M.Sc.
Lecturer in Mathematics
3425 University St.
Apt. 405, 1537 Summerhill Ave.

JOHN HAMILTON MENNIE, B.Sc. (Oxon.), M.A. (U.B.C.), Ph.D.
Associate Professor of Chemistry
Chemistry Building
31 Holton Ave., Westmount

WILLIAM CAMPBELL JAMES MEREDITH, Q.C., M.A. (Cantab.)
Dean of the Faculty of Law, Macdonald Professor of Law, and Director of Chancellor Day Hall
Chancellor Day Hall
Apt. 2, 2151 Lincoln Ave.

RUSSELL ROY MERIFIELD, B.A., B.C.L., A.C.I.S.
Lecturer in Law
Chancellor Day Hall
57 Palmerston Ave., Town of Mount Royal

JULIUS DEMETRIUS METRAKOS, M.Sc., Ph.D.
Assistant Professor of Genetics
Biological Building
60 Winston Circle, Pointe Claire

BERTHA MEYER, M.A.
Assistant Professor of German
Arts Building
Apt. 206, 3445 Ridgewood Ave.

GEORGE HAROLD MICHIE, B.A. (Toronto)
Lecturer and Special Assistant in Geography
539 Pine Ave. W.
Apt. 308, 3484 Durocher St.

JEAN L. MILLAR
Instructor in Singing
Conservatorium of Music
25 Union Boulevard, St. Lambert

RONALD ALEXANDER MILLAR, M.B., Ch.B. (Edin.), F.F.A.R.C.S.
Demonstrator in Anaesthesia
Montreal Neurological Institute
4204 Van Horne Ave.

ALEXANDER MILLER, M.D., C.M., Dipl. Int. Med., F.R.C.P.
Demonstrator in Medicine and in Clinical Medicine
Montreal General Hospital

JAMES WILKINSON MILLER, A.B. (Mich.), Ph.D. (Harvard)
Macdonald Professor of Philosophy
Arts Building
3445 Stanley St.

IAN GEORGE MILNE, M.D., C.M., L.M.C.C.
Assistant Professor of Medicine and Clinical Medicine
1410 St. Clare Rd., Town of Mount Royal

BRENDA MILNER, M.A. (Cantab.), Ph.D.
Lecturer and Psychologist in Neurology and Neurosurgery
Montreal Neurological Institute
3654 Oxenden Ave.

PETER MARSHALL MILNER, B.Sc. (Leeds), M.Sc., Ph.D.
Assistant Professor of Psychology
Donner Building
Apt. 11, 3654 Oxenden Ave.

DALTON H. MINTY, B.Sc. (Manitoba)
Lecturer in Mechanical Engineering — *Engineering Building*, 682 - 30th Ave., Lachine

HOWARD SCOTT MITCHELL, B.A., M.D. (Queen's), F.A.C.P.
Associate Professor of Medicine — *Montreal General Hospital*, Suite 716, 1414 Drummond St.

MILOS MLADENOVIC, B.Com., M.L. (Belgrade), Docteur en Droit, ès Sciences Économiques, et ès Sciences Politiques, Dipl. des Hautes Études Soc. (Paris)
Assistant Professor of History — *Arts Building*, 213 Westwood Ave., Dorval

ALBERT EDWARD MOLL, B.C.L., M.D., C.M.
Professor of Psychiatry — 1414 Drummond St.

AL MOLLOY
Instructor in Athletics — *Currie Gymnasium*, 3406 Northcliffe Ave.

CLAUDE AUGUSTUS MOORE, M.D. (Western Ont.), F.R.C.S. (C.)
Demonstrator in Surgery — *Montreal General Hospital*, 1486 Crescent St.

GEORGE A. MOORE, M.Sc. (Hon.)
Curator of Entomology — *Redpath Museum*, 359 Querbes Ave.

JOHN JAMES OLIVER MOORE, A.B. (Missouri), M.A. (Denver), Ed.D. (Columbia) (on leave of absence)
Professor of Social Work and Director of the School of Social Work — *3600 University St.*, 3280 Ridgewood Ave.

DONALD LOUIS MORDELL, M.A. (Cantab.), A.M.I.M.E., A.F.R.Ae.S., M.E.I.C., Mem. A.S.M.E.
Dean of the Faculty of Engineering. Thomas Workman Professor of Mechanical Engineering — *Engineering Building*, 38 Lakeshore Rd., Beaconsfield

CAROL MORENCY
Demonstrator in Physical and Occupational Therapy — *Montreal Children's Hospital*, 71 Clandeboye Ave., Westmount

GUSTAV MORF, M.D. (Bern), Dr.-ès-Lettres (Neuchatel)
Lecturer in Psychiatry — *Allan Memorial Institute*, 1410 Fayolle Ave., Verdun

ODOSCA MORGANTI, M.D. (Italy), M.Sc.
Lecturer in Bacteriology — *Pathological Institute*, Alexandra Hospital

ROBERT ORRIS MORGEN, B.A. (Miami Univ. of Ohio), M.D. (Western Reserve University, Cleveland)
Demonstrator in Medicine and Clinical Medicine — 486 Lazard Ave., Town of Mount Royal

THEODORE FRANKLIN MORRIS, M.A., Ph.D. (Tor.)
Associate Professor of Mathematics — *Physical Sciences Centre*, 114 Dobie Ave., Town of Mount Royal

FRANK ORVILLE MORRISON, B.A., M.Sc. in Agr. (Alta.), Ph.D.
Associate Professor of Entomology and Acting Chairman of the Department — *Macdonald College*

HARRY MORRISON, B.A. (Bishop's)
Lecturer in the Institute of Education — *Macdonald College*

ROBERT GEORGE KERR MORRISON, B.A.Sc. (Tor.), M.I.M.M., P.Eng. (Aus.)
Macdonald Professor of Mining Engineering and Chairman of the Department — *Physical Sciences Centre*, 6195 Notre Dame de Grace Ave.

ROBERT NEIL MORRISON, B.Eng., M.A.
Lecturer in Engineering — *Engineering Building*, Apt. 2, 380 Laird Blvd.

DOROTHY MORTON (MRS. A.)
Instructor in Music — *Conservatorium of Music*, 7750 Birnam Ave., Park Extension

ELIZABETH SCHWOB MORTON (MRS. JAMES), A.Mus.
Instructor in Pianoforte and in Theoretical Subjects — *Conservatorium of Music*, Apt. 30, 148 Cote St. Antoine Rd.

HARRY STAFFORD MORTON, O.B.E., B.A., M.Sc. (Dal.), M.B. (Lond.), M.R.C.O.G., F.R.C.S. (Eng. and C.), F.A.C.S.
Assistant Professor of Surgery — *Royal Victoria Hospital*, 900 Sherbrooke St. W.

HERBERT FREDERICK MOSELEY, M.A., D.M., M.Ch. (Oxon.), B.A., F.R.C.S. (Eng. and C.), F.A.C.S.
Assistant Professor of Surgery — *Royal Victoria Hospital*, 1414 Drummond St.

JOHN ELLIS MOXLEY, B.Sc. (Agr.)
Assistant Professor of Animal Husbandry — *Macdonald College*

DAVID MUHLSTOCK, D.D.S.
Demonstrator in Dentistry — 5064 Park Ave.

ANDREW NORMAN MUNGALL, B.A. (U.N.B.), M.D., C.M.
Demonstrator in Anaesthesia — Apt. 11, 6420 Sherbrooke St. W.

DAVID JOHN MUNRO, D.D.S.
Demonstrator in Dentistry — 1410 Guy St.

S. IVEAGH MUNRO, B.Sc., M.A. (Columbia), Dip. M.S.P.E.
Associate Professor and Director for Women in the Department of Athletics, Physical Education, and Recreation — *Royal Victoria College*, Apt. 201, 1535 Summerhill Ave.

DAVID CLIMIE MUNROE, M.A.
Director of the School for Teachers and of the Institute of Education, Professor of Education — *Macdonald College and Arts Building*, 9 Maple Ave., Ste. Anne de Bellevue

CHARLES L. MURPHY, B.Sc. (Man.), D.I.C. (Lond.)
Lecturer in Mechanical Engineering — *Engineering Building*, 1602 Selkirk Ave.

DAVID ROSS MURPHY, B.Sc., M.D., C.M., F.R.C.S. (C.)
Associate Professor of Surgery — *Royal Victoria Hospital*, 21 Brock Ave.

FREDERICK G. MURPHY, B.Sc. (U.N.B.), M.D., C.M.
Demonstrator in Anatomy — *Medical Building*

JOSEPH MURPHY, B.Sc.
Lecturer in Mathematics — *Physical Sciences Centre*, 4800 Lacombe Ave.

SEAN B. MURPHY, S.B., M.D., C.M.
Demonstrator in Ophthalmology — 578 Claremont Ave.

HAROLD ROBERTS MURRAY, B.S.A. (Tor.), M.Sc. (Cornell)
Associate Professor of Horticulture and Chairman of the Department — *Macdonald College*

VIRGINIA E. MURRAY, M.A. (Columbia), B.L.S.
Assistant Professor of Library Science — *Redpath Library*, 4323 Western Ave.

H. LINDSAY MUSSELLS, D.D.S.
Demonstrator in Dentistry — 4695 Sherbrooke St. W.

JOSEPH RONALD NADEAU, D.D.S.
Demonstrator in Dentistry — Ste. Adele en Bas

NORMAN J. NADLER, M.D., C.M., Ph.D.
Demonstrator in Anatomy — *Medical Building*, 3465 Ridgewood Ave.

JAMES NAIMAN, B.A., M.D., C.M.
Demonstrator in Psychiatry — *Allan Memorial Institute*, 332 Metcalfe Ave.

TADEPALLI V. NARAYANA, M.A. (Madras), Ph.D. (N.Car.)
Assistant Professor of Mathematics — *3425 University St.*, Apt. 203, 5309 Lucy Place

HELENA C. M. NEIJZEN
Sessional Instructor in Handicrafts — *Macdonald College*

HELEN RIDOUT NEILSON, M.B.E., B.H.S., M.Sc. (on leave of absence)
Director of the School of Household Science, and Professor of Home Economics — *Macdonald College*

STANLEY ALEXANDER NEILSON, B.Sc.
Assistant Professor of Civil Engineering — *Engineering Building*, 52 Arlington Ave., Westmount

DOROTHY A. NICHOL, B.Sc. (P.Ed.)
Lecturer in the School for Teachers — *Macdonald College*

JOHN VAN VLIET NICHOLLS, B.A., M.D., C.M., M.Sc., F.A.A.O.O.
Associate Professor of Ophthalmology — *Royal Victoria Hospital*, Suite 207, 1414 Drummond St.

ROBERT VAN VLIET NICHOLLS, M.Sc., Ph.D., F.C.I.C., F.C.S.
Associate Professor of Chemistry — *Chemistry Building*, 502 Elm Ave., Westmount

GRANVILLE H. NICKERSON, B.A. (Acadia), M.D., C.M., Dipl. Paed.
Demonstrator in Paediatrics — *Alexandra Hospital*

NIKOLAI NIKOLAICZUK, M.Sc. (Alta.), Ph.D. (Ohio State)
Associate Professor of Poultry Husbandry — *Macdonald College*

MARGARET E. NIX, B.A. (Man.), M.P.H., Ph.D. (Michigan)
Assistant Professor of Health and Social Medicine — *517 Pine Ave. W.*, Apt. 1A, 3555 Queen Mary Rd.

ALAN B. NOBLE, M.D. (Tor.), R.C.P.S. (C.), F.A.C.A.
Assistant Professor of Anaesthesia — *Royal Victoria Hospital*

JOHN A. NOLAN, Q.C., B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 660 Robertson St., Ville St. Laurent

MYRON NOTKIN, M.D., C.M.
Demonstrator in Medicine — *Medical Building*, 1538 Sherbrooke St. W.

ZOLTAN BENEDEK NYESTE, D.D.S.
Demonstrator in Dentistry — 5215 Victoria Ave.

JOHN L. O'BRIEN, Q.C., B.A., B.C.L.
Professor of Law — *Chancellor Day Hall*, 507 Place d'Armes

ELLENOR OLAND
Demonstrator in the School of Physical and Occupational Therapy — *Beatty Hall*, 4697A Lacombe Ave.

JACQUELINE OLER, B.A. (Randolph-Macon College, Virginia)
Lecturer in Mathematics — *3425 University St.*, Apt. 806, 6800 Lennox Ave.

NORMAN OLER, M.Sc.
Assistant Professor of Mathematics — *3425 University St.*, Apt. 806, 6800 Lennox Ave.

W. FRASER OLIVER, B.A. (McMaster), M.A., Ph.D. (Tor.)
Associate Professor of Agricultural Physics — *Macdonald College*

JAMES HENRY O'NEILL, B.Sc. (St. F. X.), M.D., C.M.
Demonstrator in Paediatrics — *Montreal Children's Hospital*, Apt. 16, 1509 Sherbrooke St. W.

MARIO ONYSZCHUK, M.Sc. (Western Ontario), B.Sc., Ph.D.
Assistant Professor of Chemistry — *Chemistry Building*, 6242 Louis Hebert St.

SVENN ORVIG, B.Sc. (Oslo), Ph.D.
Associate Professor of Geography — *539 Pine Ave. W.*, 420 Metcalfe Ave., Westmount

PETER EARL O'SHAUGHNESSY, M.D., C.M.
Lecturer in Anaesthesia — *St. Mary's Hospital*

PETER A. OSTAPOVITCH, D.D.S.
Demonstrator in Dentistry — 3482 Park Ave.

GEORGE R. W. OWEN, M.A., B.C.L.
Lecturer in Law
Chancellor Day Hall
215 St. James St. W.

HERBERT FRANK OWEN, B.A., M.D., C.M., Dipl. Surg.
Demonstrator in Surgery
Montreal Children's Hospital
Suite 611, 1538 Sherbrooke St. W.

HARRY OXORN, M.D., C.M. (Dal.), B.A., Dipl. Obstet., F.R.C.S. (C.)
Demonstrator in Obstetrics and Gynaecology
3465 Cote des Neiges Rd.

ANDREJS PAKALNINS, Dipl. Eng. (Charlottenburg), D.Sc. (Latvia)
Associate Professor of Civil Engineering
Engineering Building
266 Sheraton Drive

IRMGARD L. PAKALNINS (MRS. A.), Dipl. in Physio.
Demonstrator in the School of Physical and Occupational Therapy
Montreal General Hospital
266 Sheraton Drive

JOHN DICKINSON PALMER, B.A. (U.N.B.), M.D., C.M.
Assistant Professor of Surgery
Montreal General Hospital
1414 Drummond St.

JOHN HAMMOND PALMER, M.D., C.M., F.A.C.P., F.R.C.P. (Lond. and C.)
Associate Professor of Medicine
Royal Victoria Hospital
2162 Sherbrooke St. W.

WILFRED HOWARD PALMER, M.D., C.M.
Teaching Fellow in Medicine and Clinical Medicine
Royal Victoria Hospital
337 Roslyn Ave.

HANNA PAPPIUS, M.Sc., Ph.D.
Lecturer and Associate Neurochemist in Neurology and Neurosurgery
Montreal Neurological Institute
4680 Grosvenor Ave.

JULES PETER ARTHUR PARÉ, B.Sc., M.D., C.M.
Lecturer in Medicine
3448 Peel St.

CHAUNCEY JOHNSON PATTEE, B.A. (Bishop's), M.D., C.M., M.Sc.
Assistant Professor of Medicine
Royal Victoria Hospital
1390 Sherbrooke St. W.

REGINALD ANDREW PATTERSON, B.A. (Mt. Allison), B.Paed. (Tor.)
Lecturer in Mathematics (Post-retirement)
Engineering Building
655 Davaar Ave.

DONALD R. PATTON, B.Com., C.A., L.C.M.I., R.I.A.
Associate Professor of Accountancy
660 St. Catherine St. West

GILBERT IVAN PAUL, B.Sc. (Alta.), M.Sc., Ph.D. (North Carolina)
Assistant Professor of Genetics
Biology Building
Apt. 32, 6580 Monkland Ave.

TOMAS JAN F. PAVLASEK, M.Eng.
Associate Professor of Electrical Engineering
Engineering Building
720 - 50th Ave., Lachine

ROBERT W. PEARMAN, M.D., C.M., Dipl. in Ophthalmol.
Demonstrator in Ophthalmology
Montreal General Hospital
1374 Sherbrooke St. W.

FREDERICK RAY PECK
Purchasing Agent
3480 University St.
25 Maple Ave., Ste. Anne de Bellevue

JOHN EDWARD LANCELOT PECK, M.Sc. (Natal), Ph.D. (Yale)
Associate Professor of Mathematics
3425 University St.
101 Forest Gardens, Pointe Claire

SIDNEY PEDVIS, B.Sc., M.D., C.M.
Demonstrator in Paediatrics
Montreal Children's Hospital
1374 Sherbrooke St. W.

CARLETON BARNHART PEIRCE, A.B., M.Sc., M.D. (Michigan), F.A.C.P.
Professor of Radiology and Chairman of the Department
Royal Victoria Hospital
55 Aberdeen Ave.

RÉAL L. PELLETIER, B.Sc. (Montréal), Ph.D. (Wisconsin), M.Sc.
Assistant Professor of Plant Pathology
Macdonald College
130A Ste. Anne St., Ste. Anne de Bellevue

RUTH MATHILDE PELTIER, B.A.
Assistant to the Director of the McGill Placement Service
3574 University St.
Apt. 10, 2028 Victoria St.

WILDER PENFIELD, O.M., C.M.G., Litt.B., Hon.D.Sc. (Princeton), M.D. (Johns Hopkins), M.A., D.Sc., D.C.L. (Oxon.), LL.D. (Wales), F.R.C.S. (Eng. and C.), F.R.S.C., F.R.S.
Professor of Neurology and Neurosurgery, Chairman of the Department, and Director of the Neurological Institute
Montreal Neurological Institute
4302 Montrose Ave.

RICHARD PENNINGTON, B.A. (Birmingham), Library Diploma (Lond.)
University Librarian
Redpath Library
241 Ballantyne Ave. N., Montreal West

EUGENE PEPIN, Légion d'Honneur, Licencié-ès-Lettres, Docteur en Droit (Paris)
Professor of Law and Director of The Institute of International Air Law
Chancellor Day Hall
900 Sherbrooke St. W.

JAMES GORDON PETRIE, M.D., C.M.
Assistant Professor of Surgery
Royal Victoria Hospital
1374 Sherbrooke St. W.

JOHN BERNARD PHILLIPS, M.B.E., M.Sc., Ph.D., F.C.I.C.
Professor of Chemical Engineering and Chairman of the Department
Physical Sciences Centre
212 Corona St., Rosemere

LEONARD PINSKY, B.Sc.
Demonstrator in Physiology
Biological Building
Apt. 8, 5131 Barclay Ave.

RONALD E. G. PLACE, B.A., M.D., C.M., Dipl. in Med., F.R.C.P. (C.)
Lecturer in Medicine and in Clinical Medicine
595 Victoria Ave., Westmount

BERNARD POLLAK, M.D. (Prague), F.A.C.C.P.
Demonstrator in Medicine and Clinical Medicine
Royal Edward Laurentian Hospital

JOSEPH STEWART POLSON, B.A., M.D., C.M.
Lecturer in Medicine and in Clinical Medicine — *Montreal General Hospital*, 1414 Drummond St.

JOSEPH PORTNUFF, M.D. (Man.)
Demonstrator in Obstetrics and Gynaecology — *Royal Victoria Hospital*, Suite 1, 1441 Crescent St.

ERNEST POSER, M.A. (Queen's), Ph.D. (Lond.)
Associate Professor of Psychology — *Donner Building*, 5730 Northmount Ave.

THOMAS CHAPMAN POSTANS, D.D.S.
Demonstrator in Dentistry — 5171 Doherty St.

VICTOR E. POTTER, D.D.S.
Demonstrator in Dentistry — 2224 Dorchester St. W.

ELTON ROY POUNDER, B.Sc., Ph.D.
Associate Professor of Physics — *Physics Building*, 4420 Oxford Ave.

DAVID JOHN POWER, M.B., B.Ch., B.A.O. (Dublin)
Demonstrator in Anaesthesia — *St. Mary's Hospital*

MIGUEL PRADOS Y SUCH, B.A. (Granada), M.D. (Madrid)
Sessional Lecturer in Psychiatry (Post-retirement) — *Allan Memorial Institute*, 432 Metcalfe Ave., Westmount

R. CRANFORD PRATT, B.Phil. (Oxon.), B.A.
Assistant Professor of Economics — *Purvis Hall*, 5500 Victoria Ave.

S. PREMVATI, B.Sc. (Banaras Hindu Univ.), M.Sc., Ph.D. (Lucknow)
Demonstrator in Entomology — *Macdonald College*

THOMAS PRIMROSE, B.Sc., A.R.T.C. (Glasgow), M.B., Ch.B. (Edin.)
Assistant Professor of Obstetrics and Gynaecology — *Royal Victoria Hospital*, 2332 Fulton Rd., Town of Mount Royal

FRANCES HAZEN PRISSICK, B.A., M.D., C.M.
Lecturer in Bacteriology and Immunology — *Montreal Children's Hospital*, 27 Bellevue Ave.

JOSEPH EDWARD PRITCHARD, M.D. (Man.)
Associate Professor of Pathology — *Montreal General Hospital*, 239 Lazard Ave., Town of Mount Royal

ROBERT WESLEY PUGH
Director of Athletics at Macdonald College and Assistant Warden of Brittain Hall — *Macdonald College*

WILLIAM HOWARD PUGSLEY, M.B.A. (Harvard), B.Com., Ph.D.
Assistant Professor in the School of Commerce — *Purvis Hall*, Apt. 4, 3490 Peel St.

MARTIN PUHVEL, M.A.
Lecturer in English — *Arts Building*, Apt. 11, 1557 St. Mark St.

CLIFFORD B. PURVES, B.Sc., Ph.D. (St. Andrews), D.Sc. (Lawrence College), F.R.S.C.
E. B. Eddy Professor of Industrial and Cellulose Chemistry — *Pulp and Paper Building*
2 Hudson Ave., Westmount

MARGARET PURVIS (MRS. A. B.), B.Sc.
Sessional Lecturer in Biochemistry — *Biological Building*
1800 Bourgogne St., Chambly

RUDOLF PUTNAERGLIS, M.Eng. (McGill)
Assistant Professor of Mechanical Engineering — *Engineering Building*
207 Clement Ave., Dorval

ROBERT LAVALLIN PUXLEY
Secretary of Macdonald College — *Macdonald College*
Hudson Heights

ALBERT E. PYE, B.Sc., D.D.S.
Demonstrator in Dentistry — 1414 Drummond St.

JUDA HIRSCH QUASTEL, Ph.D., D.Sc. (Cantab.), F.R.I.C., F.R.S.
Director of the McGill-M.G.H. Research Institute — *3619 University St.*
3488 Northcliffe Ave.

THOMAS JAMES QUINTIN, M.D., C.M., F.A.C.P.
Lecturer in Medicine — 1550 White St., Sherbrooke

REUBEN RABINOVITCH, B.A. (New York), M.D. (Paris), M.Sc.
Lecturer in Neurology and Neurosurgery — *Montreal Neurological Institute*
5797 Deom Ave.

SAM RABINOVITCH, Ph.D. (Purdue), M.A.
Assistant Professor of Psychology — *Montreal Children's Hospital*
615 Bloomfield Ave.

MAURICE RABOTIN, Licencié-ès-Lettres (Paris)
Lecturer in Romance Languages — *Arts Building*
621 Prince Arthur St. W.

ARTHUR GERALD RACEY, D.D.S., F.A.C.D.
Associate Professor of Dentistry — 1414 Drummond St.

GEORGE RAMSAY
Manager of the University Book Store — *3480 University St.*
4546 Wilson Ave

ROBERT BRUCE RAMSEY, M.D., C.M., L.M.C.C.
Demonstrator in Ophthalmology — *Royal Victoria Hospital*
7 Lake Ave., Strathmore

BAINDUR G. RAO, B.Sc. (Madras Christian College), M.Pharm. (Banaras Hindu Univ.)
Research Associate in Biochemistry — *Biological Building*
3519 Hutchison St.

THEODORE BROWN RASMUSSEN, B.S., B.M., M.D., M.S. (Minn.)
Professor of Neurology and Neurosurgery and Deputy Chairman of the Department — *Montreal Neurological Institute*
29 Surrey Drive, Town of Mount Royal

BASIL RATTRAY, M.Sc.
Assistant Professor of Mathematics — *3425 University St.*
Apt. 53, 406 Pine Ave. W.

LEE CARLTON RAYMOND, M.S. (Wisconsin), F.A.I.C.
Professor of Agronomy (Post-retirement) — *Macdonald College*

ROGER W. REED, M.A. (Queen's), M.D., C.M.
Professor of Bacteriology and Chairman of the Department
Pathological Institute
4625 Trenholme Ave.

ERNEST ALLAN STEWART REID, B.A., M.D., C.M.
Lecturer in Medicine — 485 Strathcona Ave., Westmount

R. GRANT REID, M.D., C.M.
Assistant Professor of Surgery — *Montreal General Hospital*
1414 Drummond St.

W. STANFORD REID, Th.M. (Westminster), Ph.D. (Pennsylvania), M.A.
Associate Professor of History and Warden of Douglas Hall — *Arts Building*
3851 University St.

WALTER A. REID, B.Com. (Queen's), C.P.A.
Budget Officer and Internal Auditor
Dawson Hall
3084 St. Charles Rd., Beaconsfield

HANS S. REISS, B.A. (Dublin), Ph.D. (Lond.)
Visiting Professor of German and Chairman of the Department
Arts Building
3450 McTavish St.

MARIE-THÉRÈSE REVERCHON, O.I.P., L.-ès-L., Diplômée d'Études Supérieures (Paris), Agregée de l'U. de France
Assistant Professor of Romance Languages
Arts Building
Apt. 4, 50 Academy Rd.

ANNE BURNS RICHARDSON, B.Sc. (Acadia), M.D., C.M. (Dalhousie)
Demonstrator in Anaesthesia — *Royal Victoria Hospital*
80 Pine Ave. West

ARTHUR DOUGLAS RICHARDSON, D.D.S.
Lecturer in Dentistry — 1414 Drummond St.

MICHAEL JOHN RICKARD, B.Sc. (Royal College), Ph.D. (Imperial College)
Research Associate in Geological Sciences — *Physical Sciences Centre*

JOHN EVANS RIDDELL, B.Eng., M.Sc., Ph.D.
Associate Professor of Geological Sciences
Physical Sciences Center
5138 Cote St. Antoine Rd.

ANDRÉ ALBERT RIGAULT, Licencié-ès-Lettres, Diplômé d'Études Supérieures (Paris)
Assistant Professor of French and Director of the French Summer School
Arts Building
1465 Bernard Ave. W.

ALEXANDER CHARLES RITCHIE, M.B., Ch.B. (Otago) B. Phil. (Oxon.)
Assistant Professor of Pathology
Pathological Institute
1300 Pine Ave. W.

SUSAN RITCHIE, M.D. (Ludwig Maximilian Univ.)
Fellow in Clinical Pathology
Pathological Institute
5550 Cote St. Luc Rd.

J. Preston Robb, M.D., C.M., M.Sc.
Assistant Professor of Neurology
1610 Pine Ave. W.
419 Roslyn Ave., Westmount

H. Lamar Roberts, B.A. (Texas), M.D. (Duke), M.Sc., Ph.D.
Lecturer and Reford Fellow in Neurology and Neurolosurgery
Montreal Neurological Institute
2323 Goyer St.

Alexander Allen Robertson, B.Sc. (Alberta), Ph.D.
Research Associate in Chemistry
5603 Rand Ave., Cote St. Luc

Roderick Francis Robertson, B.A. (British Columbia), Ph.D.
Assistant Professor of Chemistry
Chemistry Building
Apt. A1, 1463 Bishop St.

Rocque Robillard, B.Sc.
Instructor in Athletics
Currie Gymnasium
Apt. 32, 4251 Marcil Ave.

James Gordon Robson, M.B., Ch.B. (Glasgow), D.A. (R.C.S. Eng.), F.F.A.R.C.S.
Professor of Anaesthesia
Biology Building
3855 Marlowe Ave.

Kenneth Herbert Rogers, L.Th. (Wycliffe), M.A., Ph.D. (Tor.), Dipl. Am. Psychol. Assoc.
Lecturer in Divinity
Divinity Hall
3473 University St.

Mervin A. Rogers, B.A. (Bishop's), D.D.S.
Associate Professor of Dentistry
Donner Building
1534 Crescent St.

Tadeusz Romer, Licencié-ès-Sciences Politiques et Sociales (Lausanne)
Assistant Professor of Romance Languages and Assistant to the Chairman of the Department
Arts Building
Apt. 21, 495 Prince Arthur St. W.

Muriel V. Roscoe, A.M., Ph.D. (Radcliffe), D.Sc. (Acadia), LL.D. (Queen's)
Warden of the Royal Victoria College, Macdonald Professor of Botany, and Chairman of the Department
Royal Victoria College

Bram Rose, B.A., M.D., C.M., M.Sc., Ph.D.
Associate Professor of Medicine
Royal Victoria Hospital
636 Victoria Ave., Westmount

Harry Rosen, D.D.S.
Lecturer in Dentistry
1538 Sherbrooke St. W.

Louis Julius Rosen, D.D.S., F.A.C.D.
Lecturer in Dentistry
Apt. 20, 3465 Cote des Neiges Rd.

Edward Rosenthall, Ph.D. (Calif. Inst. of Tech.), M.Sc.
Professor of Mathematics and Building Director of Mathematics House
3425 University St.
3237 Appleton Ave.

Aileen Dansken Ross, B.Sc. (Econ.) (Lond.), M.A., Ph.D. (Chicago)
Assistant Professor of Sociology
Arts Building
1515 Chomedy St.

ALAN ROSS, M.D., C.M.
Professor of Paediatrics and Chairman of the Department
Montreal Children's Hospital

ARCHIBALD STEWART ROSS, B.A. (Western Ont.), A.M. (Oberlin), Ph.D.
Associate Professor of Chemistry
Chemistry Building
16 Winchester Ave.

HUGH GRAHAM ROSS, E.D., M.D., C.M.
Lecturer in Health and Social Medicine
990 Notre Dame St. W.

JAMES DRUMMOND ROSS, B.A.
Sessional Lecturer in Philosophy
Arts Building
65 Rosemount Crescent

VERITY MITCHELL ROSS, B.Sc. (Columbia), M.Sc., Ph.D.
Assistant Professor in the School of Social Work
3600 University St.
Apt. 201, 3432 Peel St.

VERNON ROSS, B.S. in Lib. Sci. (Columbia), M.A.
Director of the Library School and Associate Professor of Library Science
Redpath Library
3015 Sherbrooke St. W.

ARTHUR ROTMAN, B.A. (Sir George Williams), M.S. (West. Reserve)
Special Lecturer in the School of Social Work
3600 University St.
5547 Dupuis Ave.

J. HOLDEN ROUTLEDGE, M.D., C.M., M.R.C.O.G., F.R.C.S. (C.)
Lecturer in Obstetrics and Gynaecology
Montreal General Hospital
54 Winston Rd., Pointe Claire

PHILIP GEORGE ROWE, B.Sc., M.D., C.M., F.R.C.S. (C.)
Professor of Surgery and Chairman of the Department
Montreal General Hospital

WILLIAM ROWLES, B.Sc. (Sask.), M.Sc., Ph.D.
Professor of Agricultural Physics and Chairman of the Department
Macdonald College

DAVID RUBENSTEIN, M.Sc., Ph.D.
Research Associate in Biochemistry
Biological Building
Apt. 3, 2061 Decarie Blvd.

HOWARD ERNEST CHARLES RUBIE, B.Sc. (Oxon.)
McGill University Representative in Great Britain
Dulwich College, London S.E.21, England

JACK H. RUBIN, B.Sc., M.D., C.M., F.C.C.P.
Demonstrator in Medicine
Suite 23, 5757 Decelles Ave.

HEINZ T. K. RUCK, Ph.D. (Graz)
Research Associate in Chemistry
Chemistry Building
3712 Jeanne Mance St.

DONALD WILLIAM H. RUDDICK, B.A., M.D., C.M., F.R.C.S.
Demonstrator in Surgery
Montreal General Hospital
1491 Crescent St.

HOWARD RICHARDSON RYAN, B.A. (Acadia), B.P.E. (Springfield)
Assistant Professor of Physical Education and Director of Intramural Athletics
Currie Gymnasium
Apt. 5, 635 Laurentian Blvd.

RICHARD PATRICK WILLIAM RYAN, B.A. (Loyola), D.D.S.
Demonstrator in Dentistry — 3410 Benny Ave.

MURRAY SAFFRAN, M.Sc., Ph.D.
Assistant Professor of Psychiatry — *Allan Memorial Institute*, 5140 Mayfair Ave.

M. MARIA SALISNJAK, M.D. (Innsbruck)
Teaching Fellow in Pathology — *Pathological Institute*, 5418 Montclair Ave.

TALAT SALMAN, M.Eng.
Associate Professor of Mining Engineering — *Physical Sciences Centre*, 11885 Filion St., Cartierville

GIAN CARLO SALMOIRAGHI, Dr. Med. and Surg. (Univ. Roma)
Lecturer in Physiology — *Biological Building*, 4855 Walkley Ave.

WILLIAN D. SANDERS, D.D.S.
Demonstrator in Dentistry — 4696 Sherbrooke St. W.

GERALD J. SARWER-FONER, M.D. (Univ. of Montreal), L.M.C.C., D.N.B.
Demonstrator in Psychiatry — *Allan Memorial Institute*, 6335 Lennox Ave.

VINCENT ALEXANDER SAUL, D.Sc. (M.I.T.), B.Sc.
Assistant Professor of Geological Sciences — *Physical Sciences Centre*, 1 - 6th St., Roxboro, Que.

KHALID BIN SAYEED, B.A. (Loyola), M.A. (Madras), B.Sc. (Lond.) Ph.D.
Research Associate in Islamic Studies — *Divinity Hall*, Apt. 11, 4650 Clanranald Ave.

ERNEST EDWARD SCHARFE, M.D., C.M., D.L.O. (R.C.P. & S.)
Assistant Professor of Otolaryngology — *Montreal General Hospital*, Suite 706, 1414 Drummond St.

HAROLD IRVIN SCHIFF, M.A., Ph.D. (Tor.)
Assistant Professor and Research Supervisor of Chemistry — *Chemistry Building*, 116 rue de Touraine, Preville

WALTER HERBERT SCHIPPEL, B.Sc., M.Eng.
Associate Professor of Electrical Engineering — *Engineering Building*, 117 Graham Boulevard, Town of Mount Royal

ANTON BERNHARD CHRISTOPH SCHLICHTER
Accountant — *Dawson Hall*, Apt. 5, 4130 Decarie Blvd.

PETER GORDON SCHOLEFIELD, M.Sc. (Wales), Ph.D.
Lecturer in Biochemistry and Research Associate in the McGill - M.G.H. Research Institute — *3619 University St.*, 4268 Royal Ave.

PAULA HELEN SCHOPFLOCHER, M.D. (Heidelberg)
Lecturer in Pathology and Demonstrator in Medicine — *Royal Victoria Hospital*, 789 Upper Belmont Ave.

JULIUS JAN WLODZIMIERZ SCHREIBER, B.Sc.(Arch.) (Glasgow)
Assistant Professor of Architecture — *3484 University St.*, Apt. 11, 3530 Durocher St.

ALBERT J. SCHUTZ, B.A. (Loyola), D.D.S.
Demonstrator in Dentistry 4695 Sherbrooke St. W.

HANS W. E. SCHWERDTFEGER, Dr. Phil. (Bonn), M.A. (Melbourne)
Associate Professor of Mathematics *3425 University St.*

FRANK R. SCOTT, B.A. (Oxon. and Bishop's), B.Litt. (Oxon.), B.C.L., F.R.S.C.
Macdonald Professor of Law *Chancellor Day Hall*
451 Clarke Ave., Westmount

HALDANE RUPERT SCOTT, B.Sc. (Acadia), Sc.M., Ph.D. (Brown)
Associate Professor of Zoology *Biological Building*
Rear, 3560 University St.

WILLIAM CLIFFORD MUNROE SCOTT, B.Sc., M.B. (Tor.), L.M.S.S.A. (Lond.), D.P.M. (Conjoint Board, Lond.)
Associate Professor of Psychiatry *Allan Memorial Institute*
600 Argyle Ave.

HAROLD NATHAN SEGALL, M.D., C.M., F.A.C.P.
Assistant Professor of Medicine *Montreal General Hospital*
1538 Sherbrooke St. W.

ALEC SEHON, M.Sc., Ph.D. (Manchester)
Assistant Professor of Chemistry and Assistant Professor in the University Clinic, R.V.H. *Donner Building*
Apt. 113, 3425 Ridgewood Ave.

PAUL SEKELJ, B.E., Dr. Elect. Physics (Badiche Techn. Hoch., Karlsruhe)
Assistant Professor of Physiology *Biological Building*
3534 Grey Ave.

DAVID SELBY, B.Eng.
Assistant Professor of Civil Engineering *Engineering Building*
1785 Depatie, Cote St. Laurent

PIERRE SENECAL, B.A. (Loyola), M.D., C.M., D.P.H.
Demonstrator in Paediatrics 3485 Vendome Ave.

CHARLES SHAGASS, M.S. (Rochester), M.D., C.M.
Assistant Professor of Psychiatry and Director of the E.E.G. Laboratory *Allan Memorial Institute*
4827 Fulton Ave.

FRANK E. SHAMY, B.Sc., D.D.S.
Demonstrator in Dentistry *Medical Building*

JAMES GRANT SHANNON, M.D. (Tor.), F.A.C.S.
Assistant Professor of Surgery *Montreal General Hospital*
1414 Drummond St.

LORNE SHAPIRO, M.D., C.M.
Lecturer in Medicine 4119 Sherbrooke St. W.

ROBERT THOMAS SHARP, M.Sc. (on leave of absence)
Associate Professor of Mathematics *Physical Sciences Centre*
Rosemere

FRANK W. SHAVER, M.D., C.M.
Lecturer in Otolaryngology *Montreal General Hospital*
Suite 4, 1374 Sherbrooke St. W.

DAVID N. SHEFLER, B.Sc., B.A. (Denver), M.B.A. (Harvard)
Lecturer in the School of Commerce — *Purvis Hall*, St. Hilaire Station, P.Q.

JEAN SHEPPARD
Lecturer in Physical and Occupational Therapy — *3654 Drummond St.*, 3568 University St.

CHARLES ARTHUR SHERIDAN, M.D., C.M. (Queen's)
Demonstrator in Anaesthesia — *Royal Victoria Hospital*, 17 Highfield Ave., Town of Mount Royal

GEORGE SHIMO, B.A. (U.B.C.), M.D., C.M.
Demonstrator in Otolaryngology — 4637 Sherbrooke St. W.

FREDERICK SHIPPAM, M.D., C.M., M.R.C.P. (Edin.)
Demonstrator in Paediatrics — *Montreal Children's Hospital*, 1538 Sherbrooke St. W.

HYMAN SHISTER, B.A., M.D., C.M.
Demonstrator in Pharmacology — *Biological Building*, 4630 Stanley Weir St.

DAVID T. SHIZGAL, D.D.S.
Lecturer in Dentistry — 1396 St. Catherine St. W.

BERNARD SHORT, B.Eng.
Sessional Lecturer in Mechanical Engineering — *Engineering Building*, 3542A Park Ave.

ISRAEL SHRAGOVITCH, M.D., C.M.
Demonstrator in Surgery — *Royal Victoria Hospital*, Suite 111, 1538 Sherbrooke St. W.

ISRAEL HIRSH SHTERN, B.Sc. (Sir George Williams), M.A. (New York), M.Sc.
Lecturer in Mathematics — *3425 University St.*, Apt. 12, 220 Fairmount W.

JOSEPH L. SHUGAR, B.Sc., M.D., C.M.
Demonstrator in Surgery — 4530 Madison Ave.

DAVID JAMES SIENIEWICZ, B.A. (U.N.B.), M.D., C.M. (Dalhousie)
Demonstrator in Radiology — *Montreal General Hospital*, Apt. 217, 3787 Cote des Neiges Rd.

WARREN SIGHTS, M.D. (Chicago)
Demonstrator in Neurology — *Montreal Neurological Institute*, Apt. 5, 3660 Hutchison St.

RAISSA SILOV, M.D. (Dorpat)
Lecturer in Bacteriology — *Pathological Institute*, 4950 Walkley Ave.

BARUCH SILVERMAN, M.D., C.M., F.A.P.A., F.A.A.M.D.
Associate Professor of Psychiatry — 531 Pine Ave. W.

BEATRICE VINA SIMON, M.A., Dipl. L.S.
Assistant University Librarian — *Redpath Library*, Apt. 17, 3520 McTavish St.

MORRIS A. SIMON, B.A., M.D. (Western Reserve)
Demonstrator in Pathology — *Jewish General Hospital*, 279 Kenaston Ave., Town of Mount Royal

GEORGE ALBERT SIMPSON, M.D., C.M., F.R.C.O.G., F.A.C.S.
Assistant Professor of Obstetrics and Gynaecology *Royal Victoria Hospital*
462 Wood Ave.

MARGERY EILEEN SIMPSON, B.A.
Lecturer in English *Arts Building*
Apt. 223, 3425 Ridgewood Ave.

JAMES SISSONS, B.A., Ph.D. (Cantab.)
Assistant Professor of Geography *539 Pine Ave. W.*

CLIFFORD HUMPHREY SKITCH, B.A., M.D. (Alta.)
Lecturer in Psychiatry *Verdun Protestant Hospital*

STANLEY C. SKORYNA, M.D. (Vienna), Ph.D. (Bratislava)
Demonstrator, Surgical Fellow and Project Director in Experimental Surgery *Donner Building*
14 Forden Ave., Westmount

ROBERT HENRY LAWSON SLATER, M.A. (Cantab.), Ph.D. (Columbia)
Professor of Systematic Theology and Principal of the Diocesan Theological College *Divinity Hall*
3475 University St.

GORDON FRASER SLEIGH, M.A. (Aberdeen), B.Litt. (Oxon)
Assistant Professor of English and Assistant Warden of Wilson Hall *Arts Building*

HENRY JAMES SMART, D.D.S.
Demonstrator in Dentistry 7122 Somerled Ave.

IAIN SMART, M.B., Ch.B.
Lecturer in Anatomy *Medical Building*
5251 Walkley Ave.

CLARENCE E. SMITH, B.Sc. (Lond.), M.A., D.Paed. (Tor.)
Macdonald Professor of Education, Chairman of the Department in the Faculty of Arts and Science, and Deputy Director of the Institute of Education *Arts Building*
4111 Beaconsfield Ave.

CLIFTON C. SMITH, B.A. (Ohio), M.D., C.M.
Demonstrator in Psychiatry *Queen Mary Veterans Hospital*

E. JOHN SMITH, M.D., C.M. (Dal.)
Demonstrator in Otolaryngology *Montreal General Hospital*
1538 Sherbrooke St. W.

EMERSON C. SMITH, M.D., C.M., F.A.C.S., F.R.C.S. (C.)
Clinical Professor of Surgery 804-3455 Cote des Neiges Rd.

F. MCIVER SMITH, M.D., C.M., M.Sc., F.A.C.P.
Assistant Professor of Medicine *Montreal General Hospital*
631 Roslyn Ave.

WILFRED CANTWELL SMITH, B.A. (Tor.), Ph.D. (Princeton)
W. M. Birks Professor of Comparative Religion and Director of the Institute of Islamic Studies *Divinity Hall*
4421 Hingston Ave. N.D.G.

JAMES A. SODEN, B.C.L.
Lecturer in Law
Chancellor Day Hall
5278 Byron Ave.

CECIL DAVID SOLIN, Ph.D. (Tor.), M.A.
Associate Professor of Mathematics and Assistant Dean of the Faculty of Arts and Science
Arts Building
6702 Charest Rd., Cote St. Luc

DAVID N. SOLOMON, Ph.D. (Chicago), M.A.
Assistant Professor of Sociology and Anthropology
Arts Building
Apt. 12, 3105 Cote St. Luc Rd.

JOHN J. SOMMERS, B.A. (Carleton), M.A. (Amherst)
Lecturer in English
Arts Building
3638 Durocher St.

THEODORE LIONEL SOURKES, Ph.D. (Cornell), M.Sc.
Assistant Professor of Psychiatry
Allan Memorial Institute
6156 Terrebonne Ave.

DOUGLAS WALTER SPARLING, M.D. (Tor.), A.B.O.G., M.R.C.O.G., F.A.C.S.
Assistant Professor of Obstetrics and Gynaecology
Montreal General Hospital
1414 Drummond St.

JOHN J. SPECTOR, B.A., B.C.L.
Lecturer in Law
Chancellor Day Hall
414 St. James St. W.

E. MARIE SPENCE, B.A. (Alta.), M.A. (Bryn Mawr)
Lecturer in Classics
Arts Building
Apt. 47, 3440 Shuter St.

HAROLD JOHN SPENCE-SALES, B.A. (New Zealand)
Associate Professor of Architecture
3484 University St.
60 rue de Bretagne, Preville

HUGH D. SPROULE, B.A. (Dal.)
Lecturer in English
Arts Building
3485 McTavish St.

COOPER HARRY STACEY, M.D., C.M.
Demonstrator in Medicine
Royal Victoria Hospital
370 Roslyn Ave.

JULES W. STACHIEWICZ, M.Eng.
Associate Professor of Mechanical Engineering
Engineering Building
4577 Kensington Ave.

ALEXANDER McT. STALKER, B.A., B.C.L.
Lecturer in Law
354 Notre Dame St. W.
40 Cornwall Ave., Town of Mount Royal

MURRAY RAYMOND STALKER, M.D., C.M.
Lecturer in Medicine
Barrie Memorial Hospital, Ormstown

RONALD LELAND STANFORD, M.D., C.M., Dipl. Int. Med.
Demonstrator in Medicine
4500 Sherbrooke St. W.

JOHN STANLEY, B.A. (U.B.C.), M.A., Ph.D. (Minnesota)
Chairman of the Biological Sciences Group in the Faculty of Arts and Science, Professor of Zoology, Chairman of the Department, and Director of the Biological Building
Biological Building
4675 Acadia Rd., Lachine

EDWARD J. STANSBURY, M.A., Ph.D. (Tor.)
Assistant Professor of Physics — *Elaton Electronics Laboratory*, 11705 Lavigne St.

TAYLOR STATTEN, M.D. (Tor.)
Associate Professor of Psychiatry — *Montreal Children's Hospital*

COLIN W. STEARN, B.Sc. (McMaster), M.S., Ph.D. (Yale)
Assistant Professor of Geological Sciences — *Physical Sciences Centre*, Apt. 301, 7025 Fielding Ave.

GASTON FERNAND STEGEN, B.A. (Sir Geo. Williams), M.A. (Middlebury), F.I.L.
Assistant Professor of Spanish — *Arts Building*, Apt. 204, 3455 Stanley St.

LLOYD G. STEPHENS-NEWSHAM, B.A. (Sask.), Ph.D.
Assistant Professor of Physics in the Department of Radiology
Royal Victoria Hospital, 18 Basswood Circle, Pointe Claire

D. STEPHENSON, B.Sc., M.D., C.M.
Demonstrator in Anatomy — *Medical Building*, 5102 Lacombe Ave.

HOWARD ALVEY STEPPLER, B.Sc.Agr. (Man.), M.Sc.
Professor of Agronomy and Chairman of the Department
Macdonald College

MURIEL H. STERN (MRS. L.), M.Sc., Ph.D.
Lecturer in Psychology — *Peterson Hall*, 95 Finchley Rd., Hampstead

JAMES WILLIAM STEVENSON, M.D., C.M. (Queen's)
Associate Professor of Bacteriology and Immunology
Pathological Institute, 4100 Old Orchard Ave., N.D.G.

JOHN SINCLAIR STEVENSON, B.A., B.Ap.Sc. (U.B.C.), Ph.D. (M.I.T.), F.M.S.A., F.G.S.A., F.R.S.C.
Associate Professor of Geological Sciences — *Physical Sciences Centre*, Box 100, Hudson Heights

LLOYD G. STEVENSON, B.A., M.D. (Western), Ph.D. (Hopkins)
Dean of the Faculty of Medicine, Professor of History of Medicine, and Librarian — *Medical Building*, 573 Lansdowne Ave.

MARY STEVENSON (MRS. DAVID G.), B.A. (Sask.), Dipl. Soc. Wk. (Tor.), M.S.W.
Assistant Professor in the School of Social Work — *3600 University St.*, 367 Tiffin Rd., St. Lambert

JAMES DOUGLAS STEWART, B.Sc., D.D.S.
Lecturer in Dentistry — 89 Cloverdale Ave., Dorval

K. ROYAL STEWART, B.Sc. (Bishop's), M.D., C.M.
Teaching Fellow in the University Medical Clinic, R.V.H.
Royal Victoria Hospital, 110A Arlington Ave., Westmount

MARGARET ROBERTSON STEWART, B.H.S.
Lecturer in Home Economics — *Macdonald College*

ALICE MAY STICKWOOD, B.Sc., M.A. (Columbia)
Lecturer (Food and Dietetics) in Household Science — *Macdonald College*

WILLIAM G. STOCKWELL, D.D.S.
Lecturer in Dentistry — *Royal Victoria Hospital*, 1538 Sherbrooke St. W.

WILLIAM STORRAR, M.B.E., M.B., Ch.B. (Edin.)
Lecturer in Health and Social Medicine — *Montreal General Hospital*, 4871 Victoria Ave.

MANUEL STRAKER, M.D., C.M.
Lecturer in Psychiatry — 1538 Sherbrooke St. W.

MARION G. STRANG (MRS.)
Warden, Stewart Hall — *Macdonald College*

ALEX STRASBERG, M.D., C.M.
Demonstrator in Surgery — *Royal Victoria Hospital*, 1396 St. Catherine St. W.

GEORGE J. STREAN, B.A., M.D., C.M., M.R.C.O.G., F.A.C.S., F.R.C.S. (C.)
Assistant Professor of Obstetrics and Gynaecology
Royal Victoria Hospital, Suite 116, 1538 Sherbrooke St. W.

EDWIN ALEXANDER STUART, M.A. (U.N.B.), M.D., C.M., F.R.C.S. (Edin. and C.)
Lecturer in Otolaryngology — *Royal Victoria Hospital*, 1390 Sherbrooke St. W.

DAVID STUBINGTON, M.B.B.S. (Lond.), L.M.C.C.
Demonstrator in Medicine and Clinical Medicine — *Royal Victoria Hospital*, Apt. 8, 3524 Durocher St.

LAWRENCE SULLIVAN
Instructor in Physical Education — *Currie Gymnasium*, 278 Hamilton Blvd., Rosemere

WILLIAM FRANCIS SUMMERS, B.Sc. (Dal.), M.Sc., Ph.D.
Assistant Professor of Geography — *Arts Building*, 207 Bedbrook Ave., Montreal West

HYMAN SURCHIN, M.D., C.M., Dipl. Paed., F.R.C.P. (C.)
Demonstrator in Paediatrics — 1538 Sherbrooke St. W.

DAVID SUSSMAN, B.A.
Lecturer in Mathematics — *3425 University St.*, Apt. 307, 2767 Maplewood Ave.

JOSEPH CARL SUTTON, B.A. (St. Joseph's), M.D., C.M.
Lecturer in Surgery — *Montreal General Hospital*, 1538 Sherbrooke St. W.

WALTER SWISTON, D.D.S.
Demonstrator in Dentistry — 4637 Sherbrooke St. W.

THOMAS SZIRTES
Demonstrator in Mechanical Engineering — *Engineering Building*, 1191 Sussex Ave.

EDWARD J. TABAH, M.D., C.M., Dipl. (Am. Bd. Surg.), F.R.C.S.
Demonstrator in Surgery 1374 Sherbrooke St. W.

GEORGE T. TAMAKI, B.A. (U.B.C.), LL.B. (Dal.), LL.M. (Tor.)
Lecturer in Law *Chancellor Day Hall*
54 Fifth Ave., Lakeside

CHARLES E. TANNER, B.Sc. (Purdue)
Demonstrator and Teaching Fellow in Bacteriology *Pathological Institute*
548 Prince Arthur St. W.

CHARLES DANIEL TAPER, M.Sc. Agr. (U.B.C.), Ph.D. (Man.)
Associate Professor of Horticulture *Macdonald College*

HERBERT TATE, B.Sc. (Nat. U., Ireland), M.A. (Dublin)
Professor of Mathematics and Chairman of the Department *Arts Building*
4493 Marcil Ave.

WILLIAM FREDERICK TATLOW, M.D. (Lond.), M.R.C.P. (Lond.)
Assistant Professor of Neurology *Montreal General Hospital*

ALFRED TAURINS, Dr. Chem. (Riga)
Associate Professor of Chemistry *Chemistry Building*
308 Westminster Ave., Montreal West

AUDREY TAYLOR
Lecturer in the Institute of Education *Macdonald College*

GRAHAM C. TAYLOR, B.Sc., M.D., C.M.
Lecturer in Psychiatry and Assistant to the Director
Allan Memorial Institute
1915 Laird Blvd., Town of Mount Royal

SHIRLEY TAYLOR, B.Sc. (Wisconsin)
Instructor in the School of Physical Education *Royal Victoria Hospital*
1624 Seaforth Ave.

HERBERT TEES, B.A., B.C.L.
Lecturer in Law *Chancellor Day Hall*
46 Strathcona Drive, Town of Mt. Royal

WILLIAM MURRAY TELFORD, M.Sc., Ph.D.
Lecturer in Physics *Radiation Laboratory*
4590 Wilson Ave.

PAUL P. TELNER, M.D. (Montréal)
Demonstrator in Medicine and Clinical Medicine *Royal Victoria Hospital*
5201 Rosedale Ave.

FERDINAND RICHARD TERROUX, B.A. (Loyola), Ph.D. (Cantab.), M.Sc.
Associate Professor of Physics *Radiation Laboratory*
Apt. 66, 1509 Sherbrooke St. W.

KATHLEEN GODWIN TERROUX (MRS. F.R.), B.A., M.Sc., Ph.D.
Assistant Professor of Physiology *Biological Building*
Apt. 66, 1509 Sherbrooke St. W.

ALEXANDER THEODORE THOM, M.D. (Tor.), B.A.
Assistant Professor of Medicine *Royal Victoria Hospital*
4492 Sherbrooke St. W.

ALAN G. THOMPSON, M.D., C.M., Dipl. in Surg., F.R.C.S. (C.)
Demonstrator in Surgery — *Montreal General Hospital*
597 Victoria Ave., Westmount

ALLAN LLOYD THOMPSON, B.A. (Bishop's), Ph.D.
Research Associate in Physics and Assistant Consultant to the Gas Dynamics Laboratory — *Director and Scientific Radiation Laboratory*
63 Ballantyne Ave. N.

GORDON THOMPSON, B.Sc., M.D., C.M.
Demonstrator in Neurology and Neurosurgery — *Montreal Neurological Institute*

DAVID LANDSBOROUGH THOMSON, B.Sc., M.A. (Aberdeen), Ph.D. (Cantab.), LL.D. (Aberdeen and Middlebury), F.C.I.C., F.R.S.C.
Vice-Principal of McGill University, Dean of the Faculty of Graduate Studies and Research, Gilman Cheney Professor of Biochemistry, and Chairman of the Department — *Biological Building*
Apt. 2, 3521 University St.

JAMES SUTHERLAND THOMSON, M.A. (Glasgow), D.D. (Glasgow, Emmanuel, Toronto), LL.D. (McMaster, Manitoba, Queen's, Toronto, Washington State, McGill, Alberta), F.R.S.C. (on leave of absence)
Professor of the Philosophy and Psychology of Religion (*Post-retirement*) — *Divinity Hall*
4624 Melrose Ave.

WILLIAM WENDEL TIDMARSH, B.Sc. (Dal.), M.D., C.M.
Demonstrator in Paediatrics — *Montreal Children's Hospital*
1390 Sherbrooke St. W.

MURIEL W. TOMKINS, B.A. (Sir George Williams), M.A. (Wisconsin)
Lecturer in the Institute of Education — *Macdonald College*
6569 Beaulieu St.

GEORGE HUGH NEIL TOWERS, M.Sc., Ph.D. (Cornell)
Assistant Professor of Botany — *Biological Building*
Apt. 12, 3514 Hutchison St.

MILTON G. TOWNSEND, M.D., C.M.
Lecturer in Health and Social Medicine — 1261 Shearer St.

ROBERT TOWNSEND, M.Ch.Orth. (Liverpool), M.D., C.M., F.R.C.S. (Edin. and C.)
Demonstrator in Surgery — *Royal Victoria Hospital*
1538 Sherbrooke St. W.

STUART ROSS TOWNSEND, B.A., M.D., C.M., F.A.C.P.
Assistant Professor of Medicine — *Montreal General Hospital*
Suite 901, 1414 Drummond St

G. EDWARD TREMBLE, M.D., C.M., D.L.O. (R.C.P. & S.), F.R.C.S. (C.)
Assistant Professor of Otolaryngology — *Royal Victoria Hospital*
1390 Sherbrooke St. W.

HELEN HUNTLY TUCK, B.A. (Man.), M.S.W.
Associate Professor in the School of Social Work — *3600 University St.*
Apt. 5, 528 Pine Ave. W.

MORTIMER M. TUNIS, B.Sc. (Sir Geo. Williams), M.D., C.M.
Lecturer in Psychiatry — *Allan Memorial Institute*
Apt. 18, 3790 Cote St. Catherine Rd.

WILLIAM TURNBULL, M.D., C.M.
Lecturer in Ophthalmology
Royal Victoria Hospital
Suite 1117, 1414 Drummond St.

JACK THORNE TURNER, B.Sc., M.A. (West Virginia), D.B.A. (Indiana) (on leave of absence)
Associate Professor in the School of Commerce
Purvis Hall
4625 Cavendish Blvd.

JAMES GILBERT TURNER, M.Sc. (Columbia), M.D., C.M.
Lecturer in Health and Social Medicine and Consultant in Hospital Services
Royal Victoria Hospital
Apt. 205, 1535 Summerhill Ave.

ALICE ELISABETH TURNHAM (MRS. R. S.), B.Sc.
Director of University Museums and Curator of Ethnology
Redpath Museum
187 Westcroft Rd., Beaconsfield W.

FREDERICK JOHN TWEEDIE, B.A. (U.N.B.), M.D., C.M.
Lecturer in Obstetrics and Gynaecology
Royal Victoria Hospital
Suite 1, 1374 Sherbrooke St. W.

WILLIAM S. TYNDALE, B.A., B.C.L.
Lecturer in Law
Chancellor Day Hall
3429 Vendome Ave.

BARNEY DAVID USHER, B.A., M.D., C.M.
Assistant Professor of Medicine
Montreal General Hospital
1538 Sherbrooke St. W.

ROBERT USHER, B.Sc., M.D., C.M.
Demonstrator in Paediatrics and Research Fellow in Obstetrics and Gynaecology
4437 King Edward Ave.

SAUL JULIUS USHER, B.A., M.D., C.M.
Demonstrator in Paediatrics
Montreal Children's Hospital
4966 Decarie Blvd.

GERALD ANDREW VALLILLEE, M.A.
Assistant Professor of Classics
Arts Building
Macdonald College

ARIE VAN STEENBERGEN
Demonstrator in Physics
Radiation Laboratory
Apt. 20, 3241 Forest Hill Ave.

JONATHAN E. VAN VLIET, D.D.S.
Demonstrator in Dentistry
1538 Sherbrooke St. W.

CHRIS VARVIS, B.Sc., M.D. (Alta.)
Teaching Fellow in Medicine and Clinical Medicine
Royal Victoria Hospital
Apt. 307, 3570 Ridgewood Ave.

KATHLEEN M. VAUGHAN, M.A.
Assistant Professor of English
Arts Building
1255 Sherwood Crescent

ELEANOR M. H. VENNING, M.Sc., Ph.D.
Associate Professor of Experimental Medicine
Royal Victoria Hospital
4167 Marlowe Ave.

GUY VIAU
Assistant Professor of Fine Arts
3450 Drummond St.
3821 Harvard Ave.

ROLAND J. VIGER, A.B. (Catholic Univ. of Amer.), M.D., C.M.
Assistant Professor of Ophthalmology — *Montreal General Hospital*, 1414 Drummond St.

JOHN VINCELLI, D.D.S.
Demonstrator in Dentistry — 6542 Somerled Ave.

ARTHUR M. VINEBERG, M.D., C.M., M.Sc., Ph.D., F.A.C.S.
Lecturer in Surgery — *Royal Victoria Hospital*, 1390 Sherbrooke St. W.

PHILIP F. VINEBERG, B.C.L., M.A.
Lecturer in Law — 637 Murray Hill, Westmount

R. PERCY VIVIAN, M.D. (Tor.)
Strathcona Professor of Health and Social Medicine, Chairman of the Department, and Director of the Health and Social Medicine Building — *490 Pine Ave. W.*, 28 Tasche Blvd., Hull, Que.

HARVEY P. VOKEY, B.Sc.
Lecturer in Agricultural Engineering — *Macdonald College*

THELMA WAGNER, B.Sc., M.A. (New York)
Assistant Professor of Physical Education in the Department of Athletics, Physical Education, and Recreation — *Royal Victoria College*, Apt. 409, 3484 Durocher St.

WALLACE FRANCIS WALFORD, D.D.S., F.A.A.D.M.
Associate Professor of Dentistry — 1414 Drummond St.

JOSEPH A. LEO WALKER, B.A., M.D., C.M., F.A.C.S., D.A.B.O.S., F.A.A.O.S., F.R.C.S. (C.)
Lecturer in Surgery — *Montreal General Hospital*, 1538 Sherbrooke St. W.

RALPH S. WALKER, M.A. (Aberdeen and Cantab.)
Molson Professor of English and Chairman of the Department — *Arts Building*, 3582 University St.

DONALD WALLACE, B.A.
Lecturer in English — *Arts Building*, 4646 Roslyn Ave.

GEORGE ARTHUR WALLACE, M.Sc., P.Eng., M.E.I.C., M.A.I.E.E.
Macdonald Professor of Electrical Engineering and Chairman of the Department (Post-retirement) — *Engineering Building*, 4134 Oxford Ave., N.D.G.

PHILIP RUSSEL WALLACE, M.A., Ph.D. (Tor.)
Professor of Mathematics — *Physical Sciences Centre*, 125 Sparton Crescent, Pointe Claire

RAPHAEL HERMAN WALLACE, B.Sc. (Dal.), M.Sc., Ph.D.
Associate Professor of Agricultural Bacteriology — *Macdonald College*

ALEXANDER BRADFORD MCBAIN WALSH, B.Sc. (Agr.)
Registrar of Macdonald College — *Macdonald College*

HENRY HORACE WALSH, B.D. (Gen. Synod), M.A. (King's), S.T.M. (Gen. Th. Sem., N.Y.), Ph.D. (Columbia)
Associate Professor of Church History — *Divinity Hall*, 5220 Beaconsfield Ave., N.D.G.

EDWARD P. WALTER, B.Sc. (U.N.B.), M.D., C.M.
Teaching Fellow in Medicine and Clinical Medicine — *Montreal General Hospital*, 3410 Kent Ave.

CLIFFORD VINCENT WARD, B.A. (Bishop's), M.D., C.M., M.R.C.O.G. (Eng.), F.R.C.S. (C.), F.A.C.S.
Associate Professor of Obstetrics and Gynaecology — *Montreal General Hospital*, Apt. 19, 3480 Cote des Neiges Rd.

D. BRUCE WARD, B.Sc., D.D.S.
Demonstrator in Dentistry — Suite 309, 1414 Drummond St.

JOAN WARD, M.C.S.P. (Lond.)
Lecturer in the School of Physical and Occupational Therapy — *3654 Drummond St.*, 424 Wood Ave.

RICHARD VANCE WARD, M.D., C.M., F.R.C.P. (C.)
Assistant Professor of Medicine — *Montreal General Hospital*, 1414 Drummond St.

BENNO PETER WARKENTIN, B.S.A. (U.B.C.), M.S. (State College of Washington), Ph.D. (Cornell)
Assistant Professor of Agricultural Physics — *Macdonald College*

JOHN R. WATERSTON, B.Eng.
Lecturer in Civil Engineering — *Engineering Building*, 435 Metcalfe Ave.

HORACE G. I. WATSON, B.A. (Tor.), M.Sc., Ph.D.
Associate Professor of Physics — *Eaton Electronics Research Laboratory*, 3450 McTavish St.

STANLEY HOWARD WATSON, M.D., C.M.
Demonstrator in Pathology — *Pathological Institute*, 33 Highgate Garden, Ville St. Michel

JACK WAUD, Mus.B.
Secretary of the Faculty of Music and of the Conservatorium of Music — *Conservatorium of Music*, 572 Mercille Ave., St. Lambert

JAMES LAWRENCE WEBB, M.Sc., Ph.D.
Research Associate in Biochemistry — *Biological Building*, 3508 Durocher St.

GEORGE ROGER WEBBER, B.Sc. (Queen's), M.Sc. (McMaster), Ph.D. (M.I.T.)
Research Associate in Geological Sciences — *Physical Sciences Centre*, 7814 Outremont Ave.

GORDON MCKINLEY WEBBER, B.Design (Ill. Inst. Tech.)
Assistant Professor of Architecture — *3484 University St.*, Apt. 101, 1102 Elgin Terrace

SOLOMON W. WEBER, LL.M. (Montréal), B.A.
Lecturer in Law — *Chancellor Day Hall*, 741 Stuart Ave.

DONALD ROBERTSON WEBSTER, O.B.E., B.A., M.D., C.M. (Dal.), M.Sc., Ph.D., F.R.C.S. (C.)
Professor of Surgery — *Royal Victoria Hospital*, 4319 Montrose Ave.

EDWARD CLARK WEBSTER, M.A., Ph.D.
Professor of Psychology, Director of the Applied Psychology Centre, and Building Director of Peterson Hall — *Peterson Hall*, 75 Ballantyne Ave. N., Montreal West

PAUL GREGORY WEIL, B.A. (North Carolina), M.Sc., M.D., C.M., Ph.D.
Lecturer in Medicine — *Royal Victoria Hospital*, 1374 Sherbrooke St. W.

ARTHUR M. WELDON, B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 360 St. James St. W.

JOHN CATHCART WELDON, B.A., Ph.D.
Associate Professor of Economics and Political Science — *Purvis Hall*, 115 Northview St., Montreal West

JOSEPH WENER, B.Sc., M.D., C.M.
Demonstrator in Medicine and in Clinical Medicine — 1499 Bishop St.

WILLIAM WESTLEY, M.A., Ph.D. (Chicago)
Associate Professor of Sociology — *Arts Building*, 149 Westminster Ave. N., Montreal West

ORSON SHOREY WHEELER, B.A. (Bishop's), A.R.C.A., S.S.C.
Lecturer in Architecture — *3484 University St.*, 1441 Drummond St.

FRED WIENER, M.D., C.M.
Lecturer in Health and Social Medicine — 517 Pine Ave. W.

ROBERT M. WIENER, M.S. (Chicago), D.D.S.
Lecturer in Dentistry — Suite 80, 3465 Cote des Neiges Rd.

BLOSSOM WIGDOR, M.A. (Tor.), B.A., Ph.D.
Lecturer in Psychology — *Queen Mary Veterans Hospital*, 4552 Lacombe Ave.

G. EARLE WIGHT, O.B.E., M.D., C.M.
Lecturer in Medicine — *Montreal General Hospital*, 1538 Sherbrooke St. W.

FREDERICK WILLIAM WIGLESWORTH, M.D. (Man.)
Assistant Professor of Pathology — *Montreal Children's Hospital*, 344 - 41st Ave., Lachine

ARCHIBALD L. WILKIE, B.A. (St. F.X.), M.D., C.M.
Associate Professor of Surgery — *Royal Victoria Hospital*, 1374 Sherbrooke St W.

ROBERT EDWIN WILKINSON, M.A. (Columbia), B.Sc.
Assistant Professor in the Department of Athletics — *Currie Gymnasium*, 56 Montrose Ave., Valois

ROBERT STEWART WILLIS, D.Law (Montpellier), B.A., B.C.L.
Lecturer in Commerce — *Arts Building*, 556 Victoria Ave., Westmount

SAUL WILNER, B.A., M.D., C.M., Dipl. Psychiat.
Lecturer in Psychiatry
Allan Memorial Institute
Apt. 7, 5656 Clanranald Ave.

CHARLES LAIRD WILSON, M.D., C.M., F.R.C.S. (C.)
Demonstrator in Surgery
Montreal General Hospital
3465 Cote des Neiges Rd.

CHARLES M. WILSON, B.Sc., M.A. (Virginia), Ph.D. (Harvard)
Associate Professor of Botany and Assistant Warden of Douglas Hall
Biological Building

STUART A. WILSON, B.Arch.
Assistant Professor of Architecture
3484 University St.
1637 St. Catherine St. W.

VALENTINE WILLIAM GIBSON WILSON, S.M. (M.I.T.), B.Sc.
Associate Professor of Civil Engineering
Engineering Building
227 Strathearn Ave.

CARL ARTHUR WINKLER, O.B.E., M.Sc. (Man.), D.Phil. (Oxon.), Ph.D., F.C.I.C., F.R.S.C.
Otto Maass Professor of Chemistry, Chairman of the Department, Group Chairman of the Physical Sciences Group in the Faculty of Arts and Science, and Associate Director of the Physical Sciences Centre
Chemistry Building
141 Easton Ave., Montreal West

RALPH DAVID WINSHIP, B.Eng.
Lecturer in Mechanical Engineering
Engineering Building
425 Mount Stephen Ave.

ERIC WITTKOWER, M.D. (Berlin), L.R.C.P. & S. (Edin. and Glasgow)
Associate Professor of Psychiatry
Allan Memorial Institute
363 Clarke Ave., Westmount

MILES WISENTHAL, B.A. (Sir George Williams)
Lecturer in the Institute of Education
Macdonald College
72 Oxford Rd., Baie d'Urfe

DEREK RAWLINS WOOD, B.A., B.Sc., B.M., B.Ch., M.A. (Oxon.)
Associate Professor of Pharmacology
Biological Building
5039 Victoria Ave.

LEAR PETERKIN WOOD, B.Sc.
Assistant Professor of Mathematics
3425 University St.
785 - 39th Ave., Lachine

WINONA WOOD, B.A., B.Ed. (Sask.), M.A. (Columbia), Dipl. M.S.P.E.
Assistant Professor in the Department of Athletics, Physical Education, and Recreation
Royal Victoria College
Apt. 15, 3610 McTavish St.

DONALD H. WOODHOUSE, M.D. (Western Ont.), F.R.C.P.
Demonstrator in Medicine and in Clinical Medicine
Montreal General Hospital
Room 274, Sun Life Bldg.

HARRY DOUGLAS WOODS, B.A. (U.N.B.), M.A.
Bronfman Professor of Industrial Relations and Director of the Industrial Relations Centre
Purvis Hall
30 Easton Ave., Montreal West

A BRIEF HISTORY OF THE UNIVERSITY

In 1813 the Hon. James McGill, a leading merchant and prominent citizen of Montreal, died and left in his will a property of forty-six acres and a sum of £10,000 to the already existing Royal Institution for the Advancement of Learning upon condition that the latter erected "upon the said tract or parcel of land, an University or College, for the purposes of education and the advancement of learning in this Province"; and further upon condition that "one of the Colleges to be comprised in the said University shall be named and perpetually be known and distinguished by the appellation of 'McGill College'."

Owing to a lack of funds and persistent opposition the complete University, which had been planned by the Royal Institution, was not built, but after years of litigation and effort, the University of McGill College was opened in 1829 with what remained of James McGill's legacy as its endowment; and teaching then started in the Faculties of Medicine and Arts. The Medical Faculty grew steadily, but the Faculty of Arts had a most delicate infancy, and by the middle of the century was still scarcely alive. In 1852 an amended Charter was secured and a new era of progress and success began with the appointment in 1855 of Sir William Dawson as Principal, a position which he held for thirty-eight years.

Since 1855 the University has grown vigorously, dividing itself into further faculties. In 1899 the Royal Victoria College was opened, a gift of Baron Strathcona, to provide separate teaching and residential facilities for women students. Gradually, however, classes for men and women were merged, and now the University is almost completely coeducational. In 1907 Macdonald College was established at Ste. Anne de Bellevue, as a residential college for Agriculture, Household Science, and the School for Teachers. This general development was greatly facilitated by the generosity of Sir William Macdonald, whose gifts to the University included a Physics Building, a Chemistry and Mining Building, and a new Engineering Building, in addition to the college named after him.

The University had about a thousand students at the beginning of the present century. Before the First World War the number had approximately doubled and after the Second World War it rose rapidly until it reached over eight thousand in the 1948-49 session. At present about seven thousand students are taking regular university courses. During this half-century benefactors, both public and private, have brought the total endowments to more than $50,000,000. New buildings have been erected or acquired to provide the undergraduate and research facilities needed by the increased student body. These include Douglas Hall and Wilson Hall, residences for men, and a large extension of the

Royal Victoria College for women. Since 1945 the following buildings have been added: Purvis Hall for the School of Commerce, Chancellor Day Hall for the Faculty of Law, new quarters for the Faculty of Music, the Donner Building for medical research, the Radiation Laboratory and Cyclotron, and the Eaton Electronics Building. A new Physical Sciences Centre was opened in 1951 and a large extension of the Redpath Library was completed in 1953. The Sir Arthur Currie Memorial Gymnasium and Armoury, built in 1939, has been extended to include a swimming pool which was opened in 1950 and a Winter Stadium was added in 1956. A similar growth has been maintained in the buildings and equipment of Macdonald College.

At the present time further expansions are being planned to accommodate the greatly increased number of students the University will have in a few years' time.

GOVERNMENT OF THE UNIVERSITY

McGill University is a Corporation created by a Royal Charter granted by the Crown of the United Kingdom, a general supervisory power being retained by the Crown and exercised through the Governor General as *Visitor.*

The *Governors* of the University constitute the Royal Institution for the Advancement of Learning, a corporation existing under the laws of the Province of Quebec, part of the official organization of the Province, but completely self-governing. In them is vested the management of finances, the appointment of professors, and other important duties. Three of the Governors are elected by the members of the Graduates' Society and other appointments are made by the nomination of the remaining members with the approval of the Visitor. The President of the Board of Governors is, *ex officio*, *Chancellor* of the University.

The *Principal* is the academic head and chief administrative officer. He is appointed by the Board of Governors (of which body he is a member). He also holds the office of Vice-Chancellor of the University.

Senate consists of the Chancellor, the Principal, the Deans of the Faculties, the Warden of the Royal Victoria College, the Director of the School for Teachers, the Director of University Extension, and the four Group Chairmen of the Faculty of Arts and Science, all *ex officio;* five Governors elected by the Board; and eight professors elected by the various faculties. The Principal is Chairman of Senate, which is the highest academic authority of the University and has control over admission, courses of study, discipline, and degrees.

The carrying out of the regulations of Senate along with primary responsibility for the conduct of the educational work of the University, is entrusted to the several Faculties and Schools.

INCORPORATED AND AFFILIATED COLLEGES

INCORPORATED COLLEGES

Macdonald College is situated at Ste. Anne de Bellevue, about twenty-five miles from Montreal. It consists of the Faculty of Agriculture, the School of Household Science, and the Institute of Education. All courses leading to the Bachelor's and Master's degrees are under the control of the Senate of McGill University; all the short term courses in agriculture, as well as the shorter courses in domestic science, are under the direction of the Faculty of Agriculture; and those for diplomas to teach in the Province of Quebec are prescribed and regulated by the Department of Education. (*For further particulars, see pages 4807 to 4839.*)

The Royal Victoria College is the Women's College of McGill University. (*For further particulars, see pages 308 to 311.*)

AFFILIATED THEOLOGICAL COLLEGES

The Montreal Diocesan Theological College—Principal, Rev. R. H. L. Slater, M.A., Ph.D., 3473 University Street.

The United Theological College of Montreal—Principal, Rev. George B. Caird, M.A., D.Phil., 3506 University Street.

NOTE: The above two Colleges train students for the Ministry and grant certificates for ordination, but in 1948 they remitted their degree-granting powers to the University, which now confers degrees in Divinity upon properly qualified students. (*See page 2305.*)

The Presbyterian College of Montreal—Principal, Rev. Robert Lennox, M.A., Th.B., D.D., 3485 McTavish Street.

For Calendars and all necessary information, apply to the Principals of the Colleges.

INSTITUTES ATTACHED TO McGILL UNIVERSITY

The Institutes and similar groups listed below carry out research in a number of specialized fields. In most of them facilities are available for qualified students who wish to take higher degrees.

INSTITUTE OF INTERNATIONAL AIR LAW

An academic organization for graduate study and independent research in International Air Law, open only to those already holding law degrees or to members of the Bar. Students in the Institute may proceed to the degree of LL.M. **Director:** Professor Eugène Pépin.

ALLAN MEMORIAL INSTITUTE OF PSYCHIATRY

A Psychiatric Institute for teaching, research, and treatment. McGill University undertakes responsibility for the training and teaching facilities, and the Royal Victoria Hospital for the clinical work. Teaching covers both undergraduate instruction and advanced postgraduate training. **Director:** Professor D. Ewen Cameron.

ARCTIC INSTITUTE OF NORTH AMERICA

An international organization, the Montreal office (and headquarters) of which has since 1945 occupied space provided by McGill University. It supports scientific research in northern North America, and maintains a reference library, a map collection, and a small museum. It co-operates with the University in the McGill-Arctic Institute-Carnegie programme which assists graduate students in northern studies. **Director,** A. T. Belcher

INDUSTRIAL RELATIONS CENTRE

The Industrial Relations Centre is an integral part of the School of Commerce and was set up to promote research and to spread knowledge in the field of industrial relations. Corporations taking membership in the Centre enjoy the privileges of conferences and discussions and the use of the library and reference services. An active programme is carried on particularly during the winter months. **Director:** Professor H. D. Woods.

INSTITUTE OF ISLAMIC STUDIES

A co-operative venture, gathering both staff and students from the Orient and the Occident, to interpret Islam as a living social force and to conduct joint research on its modern developments. Qualified students may proceed to the M.A. (or to the S.T.M.). **Director:** Professor Wilfred Cantwell Smith.

MONTREAL NEUROLOGICAL INSTITUTE

This includes a hospital for the treatment of diseases of the nervous system and laboratories for the study of basic and applied science in the general field of Neurology. The Institute houses the University Department of Neurology and Neurosurgery, and undergraduate and graduate teaching is carried out as well as research. **Director:** Professor Wilder Penfield.

INSTITUTE OF PARASITOLOGY

A co-operative venture between the National Research Council and the University for the study of Parasitology in man and animals. It also co-operates with public authorities in the practical applications of Parasitology. It accepts qualified students who wish to proceed to the M.Sc. or the Ph.D. degree. The Institute is housed at Macdonald College, Ste. Anne de Bellevue, near Montreal. **Director:** Professor T. W. M. Cameron.

STAFF DEVELOPMENT INSTITUTES

The Applied Psychology Centre of the Department of Psychology sponsors a series of intensive training courses for management personnel. These include: (a) A two week Personnal Appraisal Institute for employment department staff; (b) A one week Workshop in Discussion Leadership Techniques for training department staff; (c) A one week Job Evaluation Institute for industrial engineers; (d) A three week human relations course in Administration and Management Problems for senior executives. Particulars may be secured from the **Director**, Professor Edward C. Webster.

THE UNIVERSITY LIBRARY

RICHARD PENNINGTON, B.A., Lib. Dip. (London), *University Librarian.*

The University Library, which is under the general management of a Committee of Senate, includes the Redpath Library and various Faculty and Departmental libraries in other buildings.

The several libraries of the University now contain over 650,000 volumes and 50,000 pamphlets and receive over 3,000 periodicals, Government publications, and transactions of various literary and scientific societies.

The University Library is rich in early printed books, in Canadiana, and in rare pamphlets of the sixteenth to eighteenth centuries. It has special collections of David Hume, Rousseau, Rilke, Blake, Napoleon, Stephen Leacock, and Rudyard Kipling; in the Stearn Library it has a collection, both of books and puppets, illustrating the history of the marionette theatre of all nations and in the William Colgate Printing Collection a library devoted to typography. The Osler Library, devoted to the history of science from classical times, is famous also for its Sir Thomas Browne collection.

The Blackader Library of Architecture has been established in honour of Captain Gordon Home Blackader, B.Arch. The Wood Library of Ornithology was presented by Colonel Casey A. Wood, M.D., LL.D., as a special research collection and reference library. The Blacker Library of Zoology, presented by Robert Roe Blacker and Nellie Canfield Blacker, is a comprehensive reference library on this special subject. It is supplemented by the Lyman Collection of books on Entomology. The Dinah Lauterman Library of Art was established in 1946. The Faculty of Medicine (including the Bibliotheca Osleriana), the Faculty of Engineering, the Faculty of Divinity, the School of Social Work, the School for Graduate Nurses, and the Royal Victoria College maintain libraries in their respective buildings. The Baillie Library of Chemistry, the Physics Library, Mining, Metallurgy, and Geology libraries are housed in the Physical Sciences Centre, and there is a departmental collection in the Department of Botany. The Library of the School of Commerce, which includes a section on Industrial Relations, is in Purvis Hall. The Faculty of Law Library is in Chancellor Day Hall.

Students will find in the Redpath Library building the Undergraduate Library with seating for 352 readers and with a specially selected working collection of about 40,000 volumes. Third and Fourth year Honours students may on application obtain a permit for working in the Stack. Students writing a thesis are advised to consult the University Librarian early in their work as to books they will need which are not yet in the Library. There is also in the Redpath Library a Poetry Records Room.

With the Library is affiliated the University Book Club, which supplies its members with recent publications and makes an annual contribution of books to the Library.

The Library exhibits, from time to time, displays illustrating the subjects of the University curriculum, with special reference to art, bibliography, Canadian history, and the marionette theatre.

THE UNIVERSITY MUSEUMS

1. PETER REDPATH MUSEUM

The Peter Redpath Museum, a dignified building in the Neo-Greek style situated between the University Library and the Arts Building, was erected by the donor whose name it bears and was handed over to the University in 1882, the architects being Hutchison and Steele. It is the only building in the University designed solely for museum purposes. It contains, on three floors, a great variety of museum material:

Top floor—Zoology: Vertebrates and invertebrates, including the Carpenter Collection of Mollusca.

Second floor—Geology: Introductory exhibits; Dawson Collection of Palaeontology; Ferrier Collection of minerals; and a condensed exhibition of Economic Geology.

Ground floor—Ethnology: Synoptic exhibit of primitive native cultures from North America and Africa; Lyman Entomological Collection.

Director, Mrs. Alice Johannsen Turnham; *Curator of Zoology*, J. D. Cleghorn; *Curator of Entomology*, G. M. Moore; *Curator of Geology*, Mrs. J. S. Stevenson; *Malacologist*, Vincent Conde; *Curator of Education*, H. G. Ferrabee; *Cataloguer, Notman Collection*, Barbara Chadwick.

2. McCORD NATIONAL MUSEUM

The McCord National Museum has been recently moved to 3607 Drummond Street where it is operated as a research centre for students and specialists in Canadian history. *Acting Curator:* G. R. Lowther; *Historian:* Mrs. Isabel Dobell.

Inquiries should be addressed to the Historian.

3. ETHNOLOGICAL MUSEUM

Selections from this Museum, formerly housed in the Medical Building, are now on display as follows:

1. Synoptic exhibits: Eskimo, North American Indian, and African material: Redpath Museum.
2. Mediterranean Culture and Biblical World: Divinity Hall, 3520 University Street.

The remainder of the Ethnological Collection is in storage, pending provision of suitable quarters which will eventually house the Ethnological and McCord Museums under a single roof.

In addition to the above there are other collections and exhibits of a specialized nature, ordinarily open only to students but to which access may be gained by application to the Curator concerned. These include the Anatomical, Medical, and Pathological Museums, the Museum of Hygiene, the Rutherford Collection of Experimental Physics, and the Botanical, Zoological, and Architectural collections. At Macdonald College there is a teaching collection containing an herbarium, a collection of insects, and other exhibits related to Canadian agriculture.

McGill University

MONTREAL, CANADA

GENERAL INFORMATION

1958-59

ADMISSION TO THE UNIVERSITY

ENTRANCE REQUIREMENTS

The entrance requirements of the various faculties and schools of the University are given in the General Announcement, and in the separate announcements of the faculties and schools. These announcements may be obtained from the Registrar's Office.

APPLICATION FORMS

Application forms for admission to the faculties of Arts and Science (including the School of Commerce), Engineering, Medicine, Dentistry, and Divinity may be obtained from the Registrar's Office. Applications for admission to other faculties and schools should be made to the Deans of the faculties or the Directors of the schools concerned. All application forms give details of the certificates and records applicants must submit.

APPLICATION FOR RESIDENCE

Students who wish to apply for residential accommodation must do so on special forms. These may be obtained from the Warden of the Residence concerned or from the Registrar's Office.

ADMISSION TO THE UNIVERSITY

The admissions policy of the University is definitely selective and no guarantee can be given that a student who has complied with the minimum entrance requirements will be admitted. Students, therefore, should never come to the University until they have received official acceptance of their applications.

INQUIRIES

The Registrar's Office will be pleased to answer inquiries concerning the University and to give advice to anyone who contemplates applying for admission.

FEES

The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require.

Fees are not refundable, except under special conditions as described in the regulations concerning remission of fees (see page 305).

I. UNIVERSITY FEES

FULL TIME REGULAR STUDENTS

(a) These fees include all the regular charges of the University for registration, tuition, laboratories, libraries, graduation, health service, physical education, sports, games and Students' Society Fees.

Arts	$550.00
Commerce	550.00
Dentistry (laboratory equipment not included)	600.00
Divinity (except regular candidates for ordination)	500.00
Education (3rd and 4th years B.Ed. and B.Ed. (P.E.))	550.00
Engineering and Architecture (all years)	700.00
Nursing (Degree and Diploma Courses)	500.00
Law (First, Second, and Third years)	525.00
Law (Fourth year)	425.00
Library School (includes library visits)	500.00
(Tuition $450.00; Travel $50.00)	
Medicine	750.00
Music	400.00 to 600.00
Physical and Occupational Therapy	500.00
Science	600.00

(b) The following inclusive fees provide for only limited participation in physical education and sports, and do not include admission to games.

Graduate Studies (Excluding M.L.S.)	500.00
International Air Law	500.00
Social Work	500.00
Master of Library Science—includes library visits	500.00
(Tuition $450.00; Travel $50.00)	

CONDITIONED STUDENTS

Special fee for an additional course repeated or substituted by conditioned students (one full course or two half courses)	$ 10.00

LIMITED UNDERGRADUATES IN THE FACULTY OF ARTS AND SCIENCE

Per course—Arts	$115.00
" " —Commerce	115.00
" " —Science	125.00
Per half course—Arts	57.50
" " " —Commerce	57.50
" " " —Science	62.50

PARTIAL STUDENTS	Half Courses	Full Courses
Arts and other Faculties	$57.50	$115.00
Commerce	57.50	115.00
Science	62.50	125.00
Engineering, per hour of instruction per week, per term.	22.00	22.00

Information concerning the fees for partial students in other courses may be obtained from the Chief Accountant.

The maximum fee charged for courses taken by partial students will not exceed the published fee for full time regular students, but in all other cases, partial students are subject to the following additional fees:

(a) If taking three or more courses—

Athletics	$15.00	
Health Service	7.00	
Students' Society	*15.00	$37.00

*($16.50 in Dentistry, $17.00 in Engineering, $18.00 in Law, and $19.00 in Medicine)

(b) If taking less than three courses—

Grounds	$ 5.00	
McGill Daily and McGill Union	5.00	$10.00

or, if desiring full Athletic and Health Service privileges—

Athletics	$15.00	
Health Service	7.00	
McGill Daily and McGill Union	5.00	$27.00

PAYMENTS BY INSTALMENTS

Fees, including board and residence, may be paid in two instalments, one at the beginning of the session and one on the 15th of January following. For this privilege the additional fee (payable $2.50 with each instalment) is $5.00

In special cases of hardship, application may be made to the Chief Accountant for more extended terms of payment.

II. SPECIAL FEES AND PENALTIES

Late registration (first week) extra	$ 5.00
Late registration (second week) extra	10.00
Late payment fee (after specified date)	2.00
Fine for late medical examination (*see pages 311 and 312*)	5.00
Graduation *in absentia*	10.00
Duplicate Diploma	10.00
Certified copy of student s record	1.00
Additional copy (at same time)	.50
Duplicated copies of student's record (12 copies)	2.00

Re-reading examination paper	10.00
Supplemental examinations, each paper	10.00
Rental of microscope (*per term*)	7.50
Rental of microscope (*for the session*)	12.00

McGill graduates and graduates of other Universities may use the University Library on payment of an annual fee of $5.00.

III. STUDENTS' SOCIETY FEES

University fees, listed on page 302, include an annual fee of $15.00 ($16.50 in Dentistry, $17.00 in Engineering, $18.00 in Law, and $19.00 in Medicine) for the support of student organizations. Partial students taking three or more full courses are required to pay an additional fee, as set forth on page 303. The Dentistry fee includes $1.50 for the Dental Review; Medical and Law fees include $2.00 for the Medical and Law Journal respectively.

The men's fee is distributed as follows: McGill Union $3.50; McGill Daily $1.50; Students' Executive Council $9.00; Undergraduate Society $1.00. In Law the Undergraduate Society receives $2.00; in Medicine and Engineering $3.00.

The women's fee is distributed as follows: Women's Union $3.50; McGill Daily $1.50; Students' Executive Council $9.00; Undergraduate Society $1.00.

The fee of students in the Faculty of Graduate Studies is distributed as follows: McGill Union or Women's Union $3.50; McGill Daily $1.50; Postgraduate Students' Society $2.00.

IV. ATHLETICS, PHYSICAL EDUCATION, AND RECREATION

Free use of the gymnasium and swimming pool, rinks, tennis courts, playing fields, etc., is included in the University fees listed under section (a) on page 302, and $15.00 of the fees paid by regular undergraduates is allocated to the Department of Athletics, Physical Education, and Recreation to support its programme.

REGULATIONS FOR PAYMENT OF FEES

1. Fees are due and payable at the Accounting Office immediately after registration; exact dates are shown in the announcements of various Faculties and Schools. A late fee of $2.00 is charged for payment after the specified dates, and no additional days of grace are allowed.

2. The university does not issue bills for fees. Each student is required, at the time of registration, to complete a fee account giving full details of his fees for the session. To ensure identification, students or parents should enclose the fee account when paying fees.

3. Fees may be paid in two instalments, one at the beginning of the session, and one on January 15th following. In such cases the instalment fee of $5.00 is charged.

1st Instalment

One half of the total fees plus $2.50 instalment fee. Deduct deposits already paid.

2nd Instalment

Balance of total fees plus $2.50 instalment fee.

4. Students registering late pay their fees at the time of registration, failing which they become subject to the late fee and the provisions of the following paragraph:

As soon as possible after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

5. Further details concerning fees in the Faculty of Graduate Studies and Research are given in the announcement of that Faculty.

REGULATIONS CONCERNING REMISSION OF FEES TO STUDENTS WHO LEAVE THE UNIVERSITY DURING THE COURSE OF THE ACADEMIC YEAR

1. Students withdrawing from the University must cancel their registration at the Registrar's Office.

2. In the case of students who, in spite of the fact that they leave the University before the end of the academic year, receive full credit for the year towards their degree, there shall be no refund of fees.

3. In the case of students who leave during the academic year and do not receive credit beyond the period of their attendance, the fees shall be remitted on the following basis:

(a) In those Faculties where the academic year is divided into two terms, half of the annual fees shall be remitted to a student who leaves prior to the beginning of the second term.

(b) In those Faculties where the year is divided into three terms, one-third of the fees shall be returned for each term that begins after the departure of the student.

4. No fees shall be refunded for any term during which the student has attended classes, even though he leaves before the term has finished.

5. Residence fees are payable for the full academic year and will not be refunded, except in special circumstances.

EXPENSES

It will be seen that each full time regular student pays annually an inclusive University Fee (see page 302). There are no other regular fees and the only extras are for late registration, for graduation *in absentia*, etc., as listed above. Consequently the expenses of a student may be estimated by adding this fee and the cost of board and lodging (*see pages 306, 307, 309, 310*). Books are necessarily a variable expense but probably $60 a year would be their average cost in Arts and Science. Personal expenditure upon clothes, amusements, etc., is still more variable and no useful estimate is possible.

PART-TIME EMPLOYMENT

Inquiries regarding placement, part-time work, or summer employment should be directed to the University Placement Service. However, students taking a regular degree course generally have insufficient leisure to make heavy part-time work during the term advisable, and they are recommended not to rely upon earning any money while actually at college.

BOARD AND RESIDENCE

The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require.

I. FOR MEN

Application submitted after July 1st for residence in Douglas Hall or Wilson Hall will not normally be considered. Residents are required to vacate their rooms within forty-eight hours of last examination or of graduation.

DOUGLAS HALL OF RESIDENCE

Douglas Hall was opened in September 1937. It is built on the staircase plan, each student normally having his own study-bedroom and sharing a sitting room with two other men, the three study-bedrooms and the sitting room forming a self-contained and separate suite. The residence has accommodation for approximately 150 students. Meals, under the supervision of a qualified dietitian, are served in the attractive refectory and residents have in addition the use of adequate common rooms, play rooms, etc.

Bedding and towels are provided.

A House Fee of $6.00 is collected by the University on behalf of the Resident Students' Society, and is payable with the Board and Residence fees.

NORMAL SESSIONAL FEES FOR BOARD AND RESIDENCE

Engineering and Architecture:

First year	$685.00
Subsequent years	650.00
Arts, Science, Commerce, Law	685.00
Medicine and Dentistry (Fourth year)	720.00
Medicine and Dentistry (lower years)	750.00

Students sharing a double study-bedroom will be allowed a rebate of $40.00 on the above fees.

WILSON MEMORIAL HALL

Wilson Memorial Hall, acquired in 1945, has accommodation for approximately seventy students, most of whom share a double room. Otherwise the facilities of dining room and common rooms are similar to those at Douglas Hall. Bedding and towels are provided.

A House Fee of $6.00 is collected by the University on behalf of the Resident Students' Society, and is payable with the Board and Residence fees.

NORMAL SESSIONAL FEES FOR BOARD AND RESIDENCE

Engineering and Architecture (upper years)	$620.00
Arts, Science, Commerce, Law, and First year Engineering	650.00

Students sharing a double room will be allowed a rebate of $40.00 on the normal fee. A further rebate of $20.00 will be allowed in the case of a few of the less favourably situated rooms.

One half of the fee is payable at the beginning of the session, and the balance on January 15th.

Students who are in residence for any additional period are charged extra at the rate of $3.50 per day.

Owing to limited accommodation, the normal time of residence in either Hall is restricted to four years, or the time required to obtain one McGill degree, whichever is shorter.

Any resident leaving the halls during the term will be held responsible for his room, until a replacement is found.

Application forms for both residences may be obtained from the Warden's Office, Douglas Hall of Residence.

LODGINGS

The University has a register of lodgings which have been inspected and approved. For information about these rooms students should apply in person to the Rooms Registry in the Union during September. The Registry gives information to those who come to its office but does not itself reserve lodgings and it cannot answer correspondence.

The cost of board and lodging in approved rooms varies from $70 to $85 per month. Separately, board costs from $65, and a room from $35, upwards per month.

Board is furnished in the McGill Union at low rates.

Board and lodging for men may also be obtained in the Diocesan College and the Presbyterian College, which are affiliated with the University.

II. FOR WOMEN

THE ROYAL VICTORIA COLLEGE

The main building of the Royal Victoria College was erected in 1899 under the terms of the endowment created by the Rt. Hon. Baron Strathcona and Mount Royal for the education of women at McGill University. A west wing was added in 1930-31 and an east wing in 1948-49. In all, the College provides residence accommodation for 313 students. McLennan Hall, 3480 Ontario Avenue, formerly the home of Miss Isabella C. McLennan and donated by her to the University, provides additional accommodation for 26 students. Breakfast is served at the Hall and other meals at the Royal Victoria College.

All women undergraduates registered at McGill University are automatically members of the Royal Victoria College, whether in residence or not, and are required by the University to complete the registration forms of the Royal Victoria College.

The activities of all women students centre in the College, which contains a separate library, lounges, cafeteria, gymnasium facilities, health offices, infirmary, and accommodation for the Women's Union, as well as residential quarters and the Warden's office.

The Warden has general supervision over all the academic activities of the women students. Under the University statutes, she is responsible for "the preservation everywhere of the good character and good name of the College." To this end she has jurisdiction over all women's extra-curricular activities.

APPLICATION FOR RESIDENCE

(a) Out-of-Town Applicants:

The Royal Victoria College has the responsibility for residence for all women undergraduates whose homes are not in Montreal. Only in exceptional cases may an undergraduate who is not residing with her parents or guardian live out of residence, and then only with the Warden's written approval.

All women students whose homes are not in Montreal must make application for residence in the College, as well as for a Faculty or School, before their academic applications can be considered.

Residential application forms may be secured either from the Registrar's Office of the University or from the College, and when completed should be addressed to The Warden, Royal Victoria College, McGill University, Montreal. It is to the candidate's advantage to make application early, **preferably by** April 30th. (Students should not await the results of their matriculation examination before applying.)

Before a student can be officially accepted for residence, she must fulfil all the entrance requirements of McGill University, be acceptable for a full course leading to a degree or diploma, and comply with the health regulations (*see paragraph on Health, page 310*).

Admission is based on scholarship, character, health, and general promise.

(b) Montreal Applicants:

There may be limited accommodation in the College, during the 1958-59 session, for Montreal students who may wish to live in residence during some part of their academic career. Information regarding this may be obtained from the Warden's Office of the Royal Victoria College.

OPENING AND CLOSING OF RESIDENCES

Registration dates for women students in Arts, Science and Commerce are as follows:

First year—Thursday, September 11th.

Upper years—Monday and Tuesday, September 22nd and 23rd.

Residences will open for *First year students* on Tuesday, September 9th when the mid-day meal will be the first to be served; and for *upper years* on Sunday, September 21st.

Students cannot enter residence before the dates specified.

All students except seniors are expected to leave in May within 48 hours of their last examination; seniors, within 48 hours after Convocation.

ROOMS AND FURNISHINGS

In the Royal Victoria College there are 279 single and 17 double rooms. They are furnished with the following: bed, pillow, bureau, desk, bookcase, desk chair, waste-basket, study lamp. Blankets (2), sheets, pillow cases, bath towels, and face towels are provided. Students should supply their own bed covering and bureau scarf.

At McLennan Hall the rooms are large and accommodate two or three students each. Furnishings are similar to those described for the Royal Victoria College.

RATES

The charge for board and residence covering the period of the University Session (ARTS AND SCIENCE), *exclusive of the Christmas holiday*, is as follows:

Single room	$760.00
Double room (17 only)	730.00

Students in faculties with longer sessions are charged extra according to the length of the session.

School of Physical and Occupational Therapy:

1st year—		Upper years—	
Single room	$760.00	Single room	$800.00
Double room	730.00	Double room	770.00

School of Physical Education:

3rd year—		4th year—	
Single room	$800.00	Single room	$760.00
Double room	770.00	Double room	730.00

Nursing:

1st year—		2nd year—	
Single room	$760.00	Single room	$810.00
Double room	730.00	Double room	780.00

3rd year—

Single room	$800.00
Double room	770.00

Students who are in residence for any additional period for purposes of instruction, practice teaching, or examinations are charged at the rate of $4.00 per day.

A House Fee of $10.00 is collected by the University on behalf of the Resident Students' Society, and is payable with the Board and Residence fees. This amount includes $2.00 key deposit which is refunded at the end of the session.

HEALTH

The health service for both resident and non-resident students is part of the University Health Service. Dr. M. Dorothea Mellor, of the Health Service, is assisted by resident nurses.

No student who has an infectious illness or who comes from a house in which there has been an infectious illness may enter or return to the College unless the regulations of the Provincial Department of Health are observed. In all such cases the Warden must be notified and official

consent secured. All students entering the University for the first time are required according to Provincial regulations to present a certificate or other satisfactory evidence of successful vaccination within seven years, or of insusceptibility to vaccine within five years.

RESIDENCE FOR GRADUATE WOMEN STUDENTS (McLennan Hall).

Application for residence from graduate women students will be considered should there be vacancies after all undergraduates have been accommodated. The following rates are for McLennan Hall and cover room and breakfast. Additional meals may be obtained at the Royal Victoria College Cafeteria at the regular prices.

RATES (*Exclusive of the Christmas holiday*)

Course	Period	Multiple
Dentistry 1, 2, 3	Registration—End of Session	$440
Dentistry 4	Registration—Convocation	415
Law 1, 2, 4	Registration—End of Session	350
Law 3	Registration—Convocation	380
Library School	Registration—Convocation	400
Medicine 1, 2, 3	Registration—End of Session	440
Medicine 4	Registration—Convocation	415
Social Work	Registration—End of Second Term	420
Graduate Faculty	Registration—End of the Examination period.	365

Additional periods will be charged at the following daily rates: Multiple, $1.65.

HEALTH SERVICE (MEN AND WOMEN)

The objective of the University Health Service is to ensure that every student enrolled at McGill University shall be enabled to obtain the maximum protection for the development and maintenance of health at reasonable cost, during the University sessions.

The facilities of the Health Service provide for the early discovery of any defects of health and direct the student to competent treatment for any serious defect which may be found. The personnel of the Health Service have all been chosen for their ability to give competent and sympathetic service.

The Health Service provides treatment for minor illnesses or accidents.

It is not the function of the Health Service to undertake the care of serious cases beyond the initial diagnosis and emergency treatment. When necessary the patient will be referred to the physician or surgeon of his choice or to the public service of designated hospitals. The cost of such services is then the student's responsibility.

The families of out-of-town students will be notified of any serious illness, and the action of the Health Service will be guided by their wishes or the advice of their family doctor.

Students entering the University are presumed to be in good health. If they are not, a statement to the contrary should be furnished to the Health Service before registration in the University is completed.

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination against smallpox. Students should be vaccinated before they come to the University. Failure to be vaccinated before a certain date in the term may result in the imposition of a fine of $5.00.

The University is not responsible for damages of any kind resulting from accidents or athletic injuries which may occur, nor for the medical or hospital expenses incurred by any person suffering an accident or athletic injury. In the case of injuries which occur during intercollegiate or intramural competition in athletics or in preparation therefor, the Health Service will render treatment, including hospitalization, if necessary, but any hospital expense in connection therewith shall be limited to the same maximum amount and conditions as in the case of hospitalization for illness. If circumstances appear to justify such action, the Director of the Department of Athletics, Physical Education, and Recreation may authorize additional services or contributions towards such cost.

UNIVERSITY MEDICAL EXAMINATIONS

The University requires all students (whether regular, limited or partial students, and whether undergraduate or graduate students) to present themselves for examination by the University Health Service as follows:

(i) In his, or her, first year, as a member of any Faculty, every student must present himself, or herself, for general clinical examination and routine laboratory tests. Examinations are given by appointment with the Health Service. Students who fail to comply with this requirement by December 1st in any academic year will be subject to a fine of five dollars, and students who fail to comply with it by December 15th will be suspended from membership of the University. Students should note that, in cases in which they have met this requirement in one Faculty and enter another Faculty the following year they must present themselves for re-examination as members of the Faculty to which they have transferred.

(ii) In each academic year during their membership of the University, other students must present themselves, at a date to be announced, for a chest x-ray examination. Examinations are given by appointment with the Health Service. Students who fail to comply with this requirement by a date to be announced, in any academic year, will be subject to a fine of five dollars; and students who fail to comply

with it by a final date will be suspended from membership of the University.

Participation in athletics is conditional upon the results of these examinations.

Provision is made, during the session, for the re-examination of any student who may seem to require it.

Consultative service for all students is available at the various centres of the University Health Service. These centres are located for men on the McGill Campus at 517 Pine Avenue West; for women at the Royal Victoria College; for Macdonald College at the Infirmary.

This service is optional on the part of the student. Any services obtained by the student from a private physician are the student's responsibility.

A limited number of house visits by a physician or nurse of the Health Service is undertaken as necessary for those living away from home and confined to bed.

A student who has received medical attention for an illness or accident must be declared fit by the Health Service before he may resume participation in classes or athletics.

The consultative service is included in the University Health Service fee.

In case of hospitalization when obtained through the University Health Service, payment will be made for an amount up to one-half of all public ward rates in a designated general hospital up to a maximum of $125.00 per student in any one session of the University.

This contribution is not applicable to hospital expenses for an illness or other condition which was known or ascertained at the time of admission.

Further detailed information will be furnished each student at the time of registration.

PARKING ON UNIVERSITY GROUNDS

The University does not permit students to park automobiles or motorcycles anywhere on the Montreal campus except in certain areas which may be allotted for the purpose and then only after a permit has been obtained from the Students' Executive Council.

Parking at Macdonald College is subject to restrictions. Further information may be obtained by applying to the office of the Vice-Principal of the College.

SPORTS FOR MEN

There is intercollegiate competition in approximately twenty different sports, including football, hockey, track, basketball, skiing, swimming, tennis, boxing, wrestling, fencing, and golf, and, in addition, there is a wide programme of intra-mural competition in various sports. The Sir Arthur

Currie Memorial Gymnasium and Swimming Pool provide accommodation for many indoor activities, while Mount Royal in Montreal and the Laurentian Mountains north of Montreal provide excellent skiing country. A student in good health thus has ample opportunities for exercise and pleasant recreation.

SPORTS FOR WOMEN

For women students there is a wide choice of voluntary sports and recreations including archery, basketball, dancing, gymnastics, skating, skiing, swimming, and tennis. Special care is taken that no student undertakes any exercise for which she is physically unsuited.

COMPULSORY PHYSICAL EDUCATION

The University requires all students in the First year of the courses leading to the B.A., B.Sc., B.Com., B.Eng. degrees to take a course in Physical Education. There are a large number of activities and sports from which students may choose in order to satisfy this regulation. Details of the programme will be published at the time of registration.

IMMIGRATION

All students entering Canada to attend courses at the University should obtain from the Dean of their Faculty, the Director of their School, or the Registrar's Office an official letter of acceptance, and should present this to the immigration authorities at the port of entry.

BRITISH STUDENTS

British students do not require passports to enter Canada but may require them if they wish to return. They are therefore advised to obtain them before leaving for Canada.

AMERICAN STUDENTS

American students do not need passports. They must, however, bring with them evidence of their American citizenship such as their birth certificate, baptismal certificate, naturalization certificate, or passport. Students coming from the United States of America who are not citizens of that country should carry evidence that they are in the United States legally, and prior to their return should obtain a re-entry permit from the American Immigration Department.

OTHER STUDENTS

All other non-Canadian students should carry passports.

UNIVERSITY BOOK STORE

The McGill University Book Store, at 3416 McTavish Street, has a complete stock of books and materials recommended by the Staff, and a supply of microscopes, engineering instruments, drawing paper, pens, pencils, note-books, etc. The prices are standard retail prices, and profits are used directly for the benefit of the students.

CALENDAR FOR THE SESSION 1958-59

1958

May 28th, Wednesday. Convocation.

June 12th, Thursday. School Certificate Examinations begin.

June 14th, Saturday. Last day for receiving applications for M.A. course in Education.

June 26th, Thursday. French Summer School begins.

July 1st, Tuesday. Dominion Day.

July 2nd, Wednesday. Summer School in Education begins.

August 2nd, Saturday. Summer School in Education ends.

August 8th, Friday. French Summer School ends.

August 25th, Monday. Supplemental examinations begin in Arts, Science, Commerce, Engineering and Architecture, Third and Fourth years B.Ed., and B.Ed. (P.E.).

August 26th, Tuesday. Last day for filing Masters' theses for Autumn Convocation.

August 28th, Thursday. Registration of Graduate Nurse students in the First year in the School for Graduate Nurses.

September 1st, Monday. Labour Day.

September 2nd, Tuesday. Registration of students in Fourth year Medicine.

September 3rd, Wednesday. Lectures begin in Fourth year Medicine.

September 5th, Friday. Registration of students in all years of Dentistry. Last day for receiving applications for admission to the Faculty of Graduate Studies.

September 8th, Monday. Lectures begin in all years of Dentistry. Registration of Fourth year B.Sc.(H.Ec.) Teaching Option students. Registration of students in Third, Fourth and Fifth years School of Physical and Occupational Therapy. Homemakers register. Registration of all years Institute of Education. Second and Third year students report for Practice Teaching. Special and Supplemental Summer Schools for Engineering Drawing 511, 521 and 541 begin. Fall Survey School for Engineering begins. Architecture sketching school begins.

September 8th, Monday and September 9th, Tuesday. Students in First, Second and Third years Medicine register.

September 9th, Tuesday. Lectures begin in Third, Fourth and Fifth years of Physical and Occupational Therapy. Lectures in First year Education and in all diploma courses in Education begin.

September 10th, Wednesday. Lectures begin in First, Second and Third years Medicine. Registration of Second year (9.00-12.00) and all part-time students (1.00-4.00) in the School of Social Work.

September 11th, Thursday. Registration of First year students in the School of Social Work. Registration of students in First year Arts (1.30-4.00), Science, and Commerce (9.00-12.00), Engineering, Basic Nursing and Physical and Occupational Therapy. Lectures begin in the Library School.

September 12th, Friday. Freshman Welcome. General Assembly and reception of all students in the School of Social Work.

September 15th, Monday. Instruction begins in the School of Social Work, Lectures begin in the First year of Arts, Science, Commerce, Engineering. Nursing and Physical and Occupational Therapy and the Faculty of Music. Supplemental examinations begin in the Faculty of Divinity.

September 16th, Tuesday. Last day for reports on Masters' theses. Conservatorium of Music opens for both practical and theoretical work. Supplemental examinations begin in B.Sc.(Agr.) and B.Sc.(H.Ec.) courses. Registration of Second year B.Sc.(H.EC.) students and B.Sc.(Agr.) students taking Agricultural Engineering 439.

September 17th, Wednesday. Registration of First year B.Sc.(Agr.), B.Sc. (H.Ec.), and Homemaker students.

September 18th, Thursday to September 23rd, Tuesday, inc. Orientation work at Macdonald College.

September 19th, Friday. Last day for receiving sessional registration forms approved by the Department in the Dean's Office, Faculty of Graduate Studies and Research.

September 22nd, Monday. 9.00 a.m.-4.00 p.m. registration of students in upper years of B.A., B.Sc., B.Com. whose names begin with the letters A-L. Registration of students in upper years of Engineering and Architecture. Late registration for First year students in Engineering. Registration of students in the Library School. Second year students in Physical and Occupational Therapy register. Registration of all students in Third and Fourth years B.Ed.

September 23rd, Tuesday. 9.00 a.m.-4.00 p.m. registration of students in upper years of B.A., B.Sc., B.Com. whose names begin with letters M-Z. Registration of all partial students in the Faculty of Arts and Science. Second year graduate nurse students register in the School for Graduate Nurses. Registration of Third and Fourth year students in Physical Education. Lectures begin in the Library School. Other students in B.Sc.(Agr.), B.Sc.(H.Ec.), Handicrafts and Advanced Diploma Course in Agriculture register.

September 23rd, Tuesday, and September 24th, Wednesday. Registration of Law and Divinity.

September 24th, Wednesday. Lectures begin in upper years of Arts, Science, Commerce, Engineering, Architecture, Second, Third and Fourth years B.Ed., Second year of the School of Physical and Occupational Therapy, and the School for Graduate Nurses, Agriculture, Household Science, Handicrafts and Advanced Diploma in Agriculture, and the Faculty of Graduate Studies and Research.

September 25th, Thursday. Lectures begin in Law and Divinity.

September 29th, Monday. Late registration for upper year students in Engineering.

October 6th, Monday. Founder's Day Convocation.
(James McGill, born October 6th, 1744, died December 19th, 1813).

October 13th, Monday. Thanksgiving Day. No lectures.

October 20th, Monday. Last day for registration at the Registrar's Office and for payment of fees for students in the Faculty of Graduate Studies and Research.

October 26th, Sunday. University Divine Service.

October 27th, Monday Registration and Supplemental examinations for Agriculture Diploma students.

October 28th, Tuesday. Lectures begin in Agriculture Diploma courses.

November 11th, Tuesday. Remembrance Day Service.

November 17th, Monday to November 28th, Friday, inc. First practice teaching period for First Class diploma students in the Institute of Education.

November 29th, Saturday, to December 13th, Saturday. Examinations in French and German for Ph.D. students.

December 16th, Tuesday. Last day of lectures in Arts, Science, Commerce, Engineering, Architecture, Education and Physical Education.

December 17th, Wednesday to December 22nd, Monday and January 5th, 1959, Monday, to January 7th, 1959, Wednesday. First term examinations in Arts, Science, Commerce, Engineering, Architecture, School for Graduate Nurses, Education and Physical Education.

December 17th, Wednesday, to December 22nd, Monday. First term examinations in the Institute of Education.

December 19th, Friday. Last day of lectures in the Faculty of Divinity and of lectures and field work in the School of Social Work.

December 20th, Saturday. Last day of lectures in all other Faculties and Schools.

1959

January 5th, Monday. First term examinations begin in Agriculture, Household Science, and Divinity. Second term begins in Law, First and Second years B.Ed., and all diploma courses in Education, and Graduate Studies. Lectures resumed in Medicine, Dentistry, Music, the Library School, and Physical and Occupational therapy.

January 6th, Tuesday, to January 8th, Thursday. Examinations in the School of Social Work.

January 8th, Thursday. Second term begins in Arts, Science, Commerce, Third and Fourth years B.Ed., Engineering and Architecture, School for Graduate Nurses.

January 9th, Friday. Second term begins in the School of Social Work.

January 9th, Friday, to January 23rd, Friday. Practice teaching period.

January 12th, Monday. Second term begins in Agriculture, Household Science, and Divinity.

January 19th, Monday, to January 23rd, Friday. Examinations in the Library School.

January 26th, Monday. Second term begins in the Library School.

February 10th, Tuesday. Founder's Day at Macdonald College.
(Sir William Macdonald, born February 10th, 1831, died June 9th, 1917).

February 19th, Thursday. Macdonald Royal.

February 20th, Friday, to February 21st, Saturday. Mid-term weekend holiday.

March 14th, Saturday. Last day of lectures in Agriculture Diploma courses.

March 17th, Tuesday. Final examinations begin in Agriculture Diploma courses. Supplemental examinations in B.Sc.(Agr.) and B.Sc.(H.Ec.) courses.

March 25th, Wednesday. Graduation exercises, Diploma courses in Agriculture.

March 27th, Friday, to March 30th, Monday, inc. Easter vacation in all Faculties and Schools.

April 6th, Monday, to April 17th, Friday. Practice teaching period, Institute of Education.

April 11th, Saturday. Lectures end in Divinity and in upper years of Engineering and Architecture.

April 13th, Monday. Examinations begin in the upper years of Engineering and Architecture. Last day for filing Ph.D. theses.

April 17th, Friday. Last day of lectures in the School of Social Work.

April 18th, Saturday. Lectures end in First year Engineering, in Second, Third and Fourth years B.Ed., and in all other Faculties and Schools except Music, Medicine, Dentistry, the Library School, and the School of Social Work.

April 19th, Sunday. 3.00 p.m. Baccalaureate Service at Macdonald College.

April 21st, Tuesday. Last day for filing theses for Masters' degrees in Graduate Faculty and in the School of Social Work.

April 22nd, Wednesday. Examinations begin in Arts, Science, Commerce, First year Engineering, Second, Third and Fourth years B.Ed., all years Law, Divinity, Agriculture, Household Science, the School for Graduate Nurses, and the School of Physical and Occupational Therapy.

April 22nd, Wednesday, to April 24th, Friday. Examinations in the School of Social Work.

April 24th, Friday. Examinations begin in Music.

April 25th, Saturday. Instruction terminates in Conservatorium of Music.

April 27th, Monday. Spring Survey School for Engineering begins.

April 28th, Tuesday. Full time field work (First year) and full time research (Second year) begin in the School of Social Work.

May 1st, Friday. Last day for application for the majority of Graduate Fellowships. Last day of lectures in Music.

May 4th, Monday. Last day for reports on Ph.D. theses. Practice teaching Second and Third years B.Ed. begins.

May 4th, Monday, to May 15th, Friday. Final orals for Ph.D.

May 8th, Friday. Lectures end in the Library School.

May 11th, Monday. Practice Teaching for Fourth year B.Ed. begins.

May 13th, Wednesday. Final examinations begin for Homemakers.

May 13th, Wednesday, to May 20th, Wednesday. Examinations in the Library School.

May 14th, Thursday. Last day for reports on Masters' theses.

May 16th, Saturday. Lectures end First year B.Ed. and Diploma courses in Education.

May 20th, Wednesday. Second term examinations begin in the Institute of Education.

May 29th, Friday. Convocation.

May 31st, Sunday. Divine Service, Institute of Education, Handicrafts courses, and Homemaker class of the School of Household Science.

June 1st, Monday, to June 16th, Tuesday. Examinations in First, Second and Third years Medicine.

June 4th, Thursday. Graduation exercises, Institute of Education, Handicrafts courses, and Homemaker class of the School of Household Science.

June 5th, Friday. Second term ends in the School of Social Work.

August 25th, Tuesday. Last day for filing theses in School of Social Work (for Autumn Convocation).

McGill University



Montreal

General Announcement

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Institute of Education
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture and School of Household Science)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

INDEX

	PAGE
Administrative Officers	406
Admission:	
Age of	421
Application for	419, 426
To Arts and Science	412, 421, 422, 424, 429, 430
To Faculties and Schools (see under the Faculty or School).	
To Professional Faculties	430
To Upper Years of Arts and Science	429
Advanced Courses	428
Advanced Standing (Arts and Science)	429
Advisers (Arts and Science)	427
Age of Admission	421
Agriculture, Faculty of	415
Application Forms	419, 426
Architecture, School of	415
Arts and Science, Faculty of	411, 421
Attendance (Arts and Science)	429
Bursaries	419
Certificates Recognized	430
Classes of Student (Arts and Science)	426
Commerce, School of	411, 421
Degrees, General and Honours (Arts and Science)	428
Dentistry, Faculty of	415
Description of University	409
Divinity, Faculty of	416
Education, Institute of	418
Engineering, Faculty of	414
Entrance Requirements (see Admission).	
Examination Marks (Arts and Science)	429

	PAGE
Examinations Recognized	430
Faculties and Schools	406, 411
Faculty of Agriculture	415
" Arts and Science	411, 421
" Dentistry	415
" Divinity	416
" Engineering	414
" Graduate Studies and Research	416
" Law	413
" Medicine	412
" Music	415
French Summer School	418
General Degrees (Arts and Science)	428
Geography Summer School	418
Graduate Nurses, School for	416
Graduate Studies and Research, Faculty of	416
High School Teachers' Diploma	418
History of the University	409
Home Economics (see Household Science).	
Honours Degrees (Arts and Science)	428
Household Science, School of	416
Institute of Education	418
Junior Matriculation	422
Law, Faculty of	413
Library School	416
Limited Undergraduates	426
McGill College	411
Marks, Examination (Arts and Science)	429
Matriculation, Junior and Senior	422, 424
Medicine, Faculty of	412
Music, Faculty of	415
Nurses, School for Graduate	416

	PAGE
Occupational Therapy	418
Partial Students (Arts and Science)	426
Period of Study (Arts and Science)	427
Physical and Occupational Therapy, School of	418
Physical Education, School of	418, 419
Professional Faculties	430
Registration (Arts and Science)	427
Requirements for Admission (see Admission).	
Residential Accommodation	419
Scholarships	419
School, Library	416
School for Graduate Nurses	416
School of Architecture	415
" Commerce	411, 421
" Household Science	416
" Physical and Occupational Therapy	418
" Social Work	417
Schools	406, 407, 408
Senior Matriculation	424
Social Work, School of	417
Summer Schools	418
Terms (Arts and Science)	429
Undergraduates (Arts and Science)	426
Veterans' Affairs	410
Women Students	421

ADMINISTRATIVE OFFICERS

THE UNIVERSITY

R. E. Powell, D.Sc. (Monmouth), LL.D. — *Chancellor*

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal and Vice-Chancellor*

David L. Thomson, B.Sc., M.A., Ph.D., LL.D., F.C.I.C., F.R.S.C. — *Vice-Principal*

George Grimson, B. Com. — *Comptroller*

John H. Holton, B.Com. — *Secretary of the Board of Governors*

R. G. Defries, Ing. E.T.P. (Paris) — *Superintendent of Buildings and Grounds*

Colin M. McDougall, D.S.O., B.A. — *Registrar*

Muriel V. Roscoe, M.A., Ph.D., D.Sc., LL.D. — *Warden of the Royal Victoria College*

W. Stanford Reid, Th.M., M.A., Ph.D. — *Warden of Douglas Hall*

Richard Pennington, B.A. — *Librarian*

E. C. Knowles, M.A., D.D. — *University Chaplain and Student Counsellor*

Rowan C. Coleman, D.S.O., M.C., B.A., LL.B. — *Director of the University Placement Service*

F. S. Howes, B.Eng., M.Sc., D.I.C., Ph.D. — *Director of Extension Courses*

Harry E. Griffiths, B.Com., M.A. — *Director of Athletics, Physical Education, and Recreation*

FACULTY OF ARTS AND SCIENCE

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean*

C. D. Solin, M.A., Ph.D. — *Assistant Dean*

Cecil Currie, M.A., Ph.D. — *Secretary*

SCHOOL OF COMMERCE

E. W. Kierans, B.A. — *Director*

FACULTY OF MEDICINE

Lloyd G. Stevenson, B.A., M.D., Ph.D. — *Dean*

Stanley M. Banfill, B.A., M.D., C.M. — *Secretary*

FACULTY OF DENTISTRY

James McCutcheon, M.S.D., B.A., D.D.S. — *Dean*

FACULTY OF ENGINEERING

D. L. Mordell, M.A., A.M.L.M.E., A.F.R.Ae.S., M.E.I.C., Mem. A.S.M.E. — *Dean*

J. U. MacEwan, B.Sc., M.S. — *Secretary*

SCHOOL OF ARCHITECTURE

John Bland, B.Arch., A.M.T.P.I., F.R.A.I.C., A.R.I.B.A. — *Director*

FACULTY OF MUSIC

Marvin Duchow, M.A., B.Mus. — *Dean*

Jack Waud, Mus.B. — *Secretary*

FACULTY OF LAW

W. J. C. Meredith, Q.C., M.A. — *Dean*

Jean Gabriel Castel, B.Sc., Dip. Inst. Comp. Law, LL.B. — *Secretary*

FACULTY OF DIVINITY

Stanley B. Frost, B.D., M.Th., D.Phil. — *Dean*

FACULTY OF GRADUATE STUDIES AND RESEARCH

D. L. Thomson, M.A., Ph.D., LL.D., F.R.S.C — *Dean*

F. C. MacIntosh, M.A., Ph.D., F.R.S. — *Secretary*

LIBRARY SCHOOL

Vernon Ross, B.S., M.A. — *Director*

SCHOOL FOR GRADUATE NURSES

Rae Chittick, B.S., M.A., M.P.H., LL.D., R.N. — *Director*

SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY

Guy H. Fisk, B.A., M.D., C.M., D.T.M. & H. — *Director*

Helen M. Gault, B.Sc. (P.&O.T.) — *Assistant Director*

SCHOOL OF SOCIAL WORK

JOHN J. O. MOORE, M.A., Ed.D. — *Director*

MACDONALD COLLEGE

H. G. DION, B.Sc., Ph.D. — *Vice-Principal of Macdonald College and Dean of the Faculty of Agriculture*

HELEN R. NEILSON M.B.E., B.H.S., M.Sc. — *Director of the School of Household Science*

R. H. PUXLEY — *Secretary*

INSTITUTE OF EDUCATION

D. C. MUNROE, M.A. — *Director*

McGill University

A BRIEF DESCRIPTION

McGill University, founded under a bequest of the Hon. James McGill, a prosperous Montreal merchant who died in 1813, was established as a university by Royal Charter in 1821. It is privately endowed, the trustees of its funds being the Board of Governors who constitute "The Royal Institution for the Advancement of Learning".

The University has nine faculties and eight schools. Particulars of these are given on pages 411 to 418. Eight of the faculties are situated in Montreal where the University Campus lies on the lower slopes of Mount Royal, the hill from which the city takes its name. Macdonald College at Ste. Anne de Bellevue, about twenty-five miles from Montreal, is an incorporated College of the University, and houses the Faculty of Agriculture, the School of Household Science, and the Institute of Education.

McGill University is undenominational and has now for many years been co-educational in most of its faculties and schools. Admission is definitely selective, the number of students accepted into each faculty being limited. In the 1957-58 session the number of men students studying for either degrees or diplomas was 5,116 and the corresponding number of women students was 1,976. These students are drawn from every province of Canada and from many other countries, the connexions with Great Britain, the West Indies, and the United States naturally being strong. At present there are in residence at the University about 93 students from Great Britain and 426 from the United States.

The following pages are intended to give in a condensed form the preliminary information that a student who contemplates entering the University would require, together with the entrance requirements of the various faculties and a list of the certificates accepted. Details of the Junior and Senior School Certificates, the entrance examinations conducted by the University, are given in the School Certificate Announcement. Separate announcements of the several faculties and schools are published and a list of these is printed on the inside of the title page. There is also a pamphlet enclosed with this announcement which gives the fees in the various faculties and schools, a description of the University residences for men and women, an account of the Health Service, and a calendar of dates. The Registrar's Office will be pleased to send one or more of these announcements to anyone interested or to answer inquiries.

VETERANS' AFFAIRS

E. Clifford Knowles, M.A., D.D. *Student Counsellor*

ADVICE

Veterans who have any problems are recommended to consult Dr. E. C. Knowles, the Student Counsellor. Dr. Knowles has his office in the Arts Building.

Visits are made periodically to Macdonald College. For anything urgent, however, students may get in touch with Dr. Knowles through the Assistant Bursar at Macdonald College.

The Faculties and Schools of the University

A BRIEF OUTLINE WITH REFERENCES

Announcements of these faculties and schools giving further details may be obtained from the Registrar's Office.

For fees see the Pamphlet of General Information enclosed with this announcement.

I. McGILL COLLEGE (FACULTY OF ARTS AND SCIENCE)

Including the School of Commerce

(*See also page 421*)

The undergraduate work of the University in Arts, in Pure Science, and in Commerce is done in McGill College, usually called the Faculty of Arts and Science. The Dean of McGill College is the Dean of the Faculty of Arts and Science. The following degrees are awarded in the Faculty:

Bachelor of Arts (B.A.)
Bachelor of Science (B.Sc.)
Bachelor of Commerce (B.Com.)
Bachelor of Education (B.Ed.)
Bachelor of Education (Physical Education)

In the case of the first three of these degrees, the Faculty offers both a General Degree and an Honours Degree.

The Library School and the School of Social Work are integral parts of the Faculty which, therefore, recommends to Senate candidates for the degrees of *Bachelor of Library Science* and *Master of Social Work.*

The work of students who are candidates for the degree of Bachelor of Commerce and for the degrees of Bachelor of Education and Bachelor of Education (P.E.) is supervised, under the Dean, by the Directors of the School of Commerce and of the Institute of Education, respectively. While the School and the Institute are integral parts of the Faculty, each has a separate Announcement.

Period of Resident Study in the Faculty: Four years from Junior Matriculation or three years from Senior Matriculation (see School Certificate Announcement). In the B.Ed. course, the work of the first two years is taken at Macdonald College, at Ste. Anne de Bellevue, and the final two years are taken in Montreal.

Minimum Entrance Requirements: Junior Matriculation for admission to the First year. Junior and Senior Matriculation with second-class standing for admission to the Second year. (*See pages 422 to 425.*) The entrance requirements for students from American schools and for students from Great Britain are stated on page 431.

Application Forms: For application forms apply to the Registrar's Office.

For further particulars of this faculty, see pages 421 to 431.

II. FACULTY OF MEDICINE

Degrees offered: Doctor of Medicine and Master of Surgery (M.D., C.M.).

Diplomas offered: The Diploma of Tropical Medicine and Hygiene (D.T.M. and H.) and diplomas for advanced study in the various clinical departments of the faculty.

Period of Study in the Faculty for the Degree: Four years.

Licence to Practise: A year of interneship, or a further year of study, is required before the University certifies that a graduate is entitled to take the qualifying examination of any of the licensing boards, so that the length of the full professional course is five years.

Entrance Qualifications: The normal requirement is a B.A. or a B.Sc. degree, but students with exceptionally high qualifications may apply for admission at the end of the Third year of their course. The pre-medical work must include:—

Physics: One year of general college Physics with laboratory work.

Biology: One year of general Biology or Zoology with laboratory work. (One year of Zoology will be accepted, but Botany alone is not sufficient.)

Chemistry: Two years.

(*a*) One full year's course of General Chemistry with laboratory work.

(*b*) One full year's course of Organic Chemistry with laboratory work.

All candidates for admission to the Medical Faculty are required to take the Medical College Admission Test, or furnish a satisfactory explanation of why they are unable to do so.

Students wishing to proceed towards medicine at McGill University are reminded that no specific "pre-medical" course is offered. Work preparatory to Medicine is taken while students are proceeding regularly towards the B.A. or the B.Sc. degree in the Faculty of Arts and Science. Students who are preparing for entrance to the Faculty of Medicine are advised that they should not choose subjects which properly belong to the medical course, but should devote their time to securing a thorough preparation in the fundamental scientific and humanistic subjects.

Students are strongly advised to make themselves familiar with the licensing regulations of the province or state in which they intend to practise and to take the necessary steps to become registered. The University requires Canadian students to register with the licensing body of their province before beginning their medical course.

Since the University can accept only a small percentage of those who apply, application should be made to the Secretary of the Faculty of Medicine as early as possible and in no case after January 1st.

For further details apply to the Secretary of the Faculty. Application forms for admission into the Faculty of Arts and Science or for admission directly into the Faculty of Medicine may be obtained from the Registrar's Office.

III. FACULTY OF LAW

The course in the Faculty of Law provides a liberal education in legal principles and theory, and prepares students for the legal and notarial professions as well as for public service and business. In the field of private law, the curriculum is based on the Civil Law system and in particular on the Quebec Civil Code; in the field of public law, stress is laid on Constitutional, International, and Administrative Law, and on the new institutions and procedures resulting from the increased rôle of government in the modern state.

Degree offered: Bachelor of Civil Law (B.C.L.).

Period of Study for the degree: Three years.

Students proceeding to the legal and notarial professions are required to take an additional year of practical training and to pass further examinations.

Language Requirement: Students should be able to read French easily, and reasonable fluency in spoken French is recommended for those who intend to practise in the Courts of this Province.

Entrance Qualifications: Candidates who have completed at least two years in the Faculty of Arts and Science at McGill University will be eligible for admission to the Faculty of Law. Other candidates for admission will have to satisfy the Faculty that they have attained an equivalent educational standard and are intellectually qualified to pursue with advantage the study of law.

In order to be admitted to the study of law by the Quebec Bar, candidates must hold the degree of B.A. from a Canadian university or a university or college of which the degree is recognized jointly by Laval, McGill, Montreal, Ottawa, and Sherbrooke universities and in addition

by the Bar, and satisfy the Bar examiners that they have successfully completed "the regular course in Philosophy" in an approved university. In order to be admitted to the legal profession they must be Canadian citizens.

Candidates for admission to the notarial profession must be Canadian citizens and hold the degree of B.A. from a Canadian or English university or a University or College the degree of which is recognized as the equivalent by Laval, McGill, and Montreal Universities. They are required to have studied Latin.

Further information regarding admission to the Bar may be obtained by applying to Mr. Charles Coderre, Q.C., Montreal Tramways Building, 159 Craig St. W., Montreal, or by consulting the Bar Act of the Province of Quebec. Information regarding admission to the Notarial profession can be obtained by applying to Mr. Arthur Courtois, Room 320, New Court House, Montreal, or by consulting the Notarial Code, 1941 R.S.Q., chap. 263 (as amended).

Application forms for admission may be obtained from the Secretary of the Faculty.

IV. FACULTY OF ENGINEERING

Degrees offered: (1) Bachelor of Engineering (B.Eng.), in the Departments of Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mining Engineering, and in Engineering Physics; (2) Bachelor of Architecture. (*See* School of Architecture, *below*.)

Period of Study for the Degree: Five years from Junior Matriculation.

Entrance Qualifications: For admission to the First year, Junior Matriculation as for B.Sc. with an average mark of at least 60% and with definite strength in Mathematics and Science (see page 422). For admission to the Second year, full B.Sc. Junior Matriculation, and Senior Matriculation in English, Mathematics (Algebra, Trigonometry, and Co-ordinate Geometry), Physics, Chemistry, and one of Biology, French, Geography, German, History, Latin, or Spanish. The regulations are given in full in the School Certificate Examinations Announcement and in the Announcement of the Faculty of Engineering.

Students should not contemplate entering the Faculty of Engineering unless they have more than average mathematical ability. The minimum requirements in this subject are stated in the School Certificate Announcement. For further details see the Announcement of the Faculty of Engineering.

V. SCHOOL OF ARCHITECTURE (IN THE FACULTY OF ENGINEERING)

Degree offered: Bachelor of Architecture (B.Arch.).

Period of Study for the Degree: Six years from Junior Matriculation.

The entrance requirements in Architecture are the same as those for the Engineering courses (*see above*). The length of the course is six years, the first year being identical with the first year in Engineering.

For further details, see the Announcement of the Faculty of Engineering.

VI. FACULTY OF DENTISTRY

Degree offered: Doctor of Dental Surgery (D.D.S.).

Period of Study in the Faculty for the Degree: Four years.

The minimum requirement for admission to the dental course is the satisfactory completion of two full years of study in a recognized College or Faculty of Arts and Science (or the equivalent thereof), including courses in the following subjects: English and Mathematics, one year of each; Physics, one year with laboratory work; Biology, one year of General Biology or Zoology with laboratory work (half year of Botany and half year of Zoology will be accepted, but not one year of Botany alone); Chemistry, two full courses, including one full course of Organic Chemistry with laboratory work.

Graduation with the degree does not carry with the right to practise. Each Province and State has differing licensing requirements.

To be qualified to practise in the Province of Quebec, a student must have taken at least two years of the B.A. or B.Sc course in an English university of Canada recognized by McGill University. The student should also register with the College of Dental Surgeons of the Province of Quebec as soon as he is admitted to the First Year of the Faculty of Dentistry.

VII. FACULTY OF AGRICULTURE

This faculty is housed in Macdonald College at Ste. Anne de Bellevue, twenty-five miles from Montreal.

Degree offered: Bachelor of Science in Agriculture, B.Sc. (Agr.).

Diploma offered: Diploma in Agriculture.

Period of Study in the Faculty for the Degree: Four years.

For entrance qualifications, fees, and further details, see the Announcement of Macdonald College, which may be obtained from the Registrar, Macdonald College, P.Q.

VIII. FACULTY OF MUSIC

Degree offered: Bachelor of Music (Mus.B.).

Diplomas offered: Licentiate in Music (L. Mus.).
Associate in Music (A. Mus.).

Minimum period of study in the Faculty for the Degree: Four years.

For further details see the Announcement of the Faculty of Music.

IX. FACULTY OF DIVINITY

Degree offered: Bachelor of Divinity (B.D.).

Period of Study for the Degree: Three years.

Entrance Qualifications: A Bachelor's degree (preferably B.A.) from a recognized University.

For details, see the Announcement of the Faculty of Divinity.

X. FACULTY OF GRADUATE STUDIES AND RESEARCH

Degrees offered: Master of Arts (M.A.), Master of Science (M.Sc.), Master of Engineering (M.Eng.), Master of Architecture (M.Arch.), Master of Sacred Theology (S.T.M.), Master of Civil Law (M.C.L.), Master of Science (Applied), M.Sc.(Appl.), Master of Library Science (M.L.S.), Master of Laws (LL.M.), Doctor of Philosophy (Ph.D.).

For details consult the Announcement of the Faculty of Graduate Studies and Research.

XI. SCHOOL OF HOUSEHOLD SCIENCE (IN THE FACULTY OF AGRICULTURE)

(Women Only)

Degree offered: Bachelor of Science in Home Economics [B.Sc. (H.Ec.)].

Diploma offered: Homemaker Certificate.

Period of Study for the Degree: Four years.

For entrance requirements and other details see the Announcement of Macdonald College which may be obtained from the Registrar, Macdonald College, P.Q.

XII. LIBRARY SCHOOL (IN THE FACULTY OF ARTS AND SCIENCE)

Degree offered: Bachelor of Library Science (B.L.S.).

Period of Study: One year.

Entrance Qualifications: Bachelor's degree.

For details see the Announcement of the Library School.

XIII. SCHOOL FOR GRADUATE NURSES

(IN THE FACULTY OF MEDICINE)

DIPLOMA COURSES

One-year programmes in:

1. Teaching and Supervision in Schools of Nursing with specialization in Teaching of the Basic Sciences, Medical-Surgical Nursing, Psychiatric Nursing, and Maternal and Child Health Nursing. (Students may elect to do the major part of their work in either Pediatric Nursing or Obstetric Nursing.)
2. Public Health Nursing.

Entrance Qualifications: Junior Matriculation or its equivalent, and graduation from an approved school of nursing.

Satisfactory professional experience is a prerequisite.

DEGREE COURSES

Bachelor of Nursing

Two-year programmes leading to the degree of Bachelor of Nursing (B.N.), with study in two main areas:

1. Advanced Nursing Education (with opportunity to continue study in the special field selected in First year) *or* Administration in Hospitals and Schools of Nursing.
2. Administration and Supervision in Public Health Nursing.

Entrance Qualifications: Senior Matriculation or its equivalent, and graduation from an approved school of nursing.

Satisfactory professional experience is a prerequisite.

Bachelor of Science in Nursing

This programme prepares high-school graduates for professional nursing in all clinical fields including public health. The programme combines general education with the knowledge and skills essential to the practice of nursing. The course is five years in length for students entering with McGill Junior Matriculation and four years for those entering with McGill Senior Matriculation, provided they have met the requirements of the first year of the programme.

Entrance Qualifications: McGill Junior Matriculation, or its equivalent, with a general average for all papers of at least 65 per cent.

XIV. SCHOOL OF SOCIAL WORK

(IN THE FACULTY OF ARTS AND SCIENCE)

A two-year graduate course leading to the degree of Master of Social Work (M.S.W.).

Entrance Qualifications: A Bachelor's degree from a university or college of recognized standing. Applicants should have completed, with superior standing, an undergraduate course providing a broad liberal education, with a substantial core in the social sciences, particularly sociology, psychology, economics, and political science.

For details see the separate Announcement of the School of Social Work.

XV. SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY

(IN THE FACULTY OF MEDICINE)

(Women Only)

Period of Study: Three years in the School leading to the Diploma of Physical or of Occupational Therapy. Five years in the School leading to a degree in Physical and Occupational Therapy [B.Sc.(P.&O.T.)].

Entrance Qualifications: Junior Matriculation or its equivalent.

For further particulars see the separate Announcement of the School of Physical and Occupational Therapy.

XVI. FRENCH SUMMER SCHOOL

(IN THE FACULTY OF ARTS AND SCIENCE)

A residential summer school with an entirely French staff, offering undergraduate and graduate courses.

Dates: 30th June to 11th August.

Inclusive Fee (tuition, room, and board): $330.

For special Announcement apply to the Director, French Summer School, Arts Building, McGill University.

XVII. GEOGRAPHY SUMMER SCHOOL

(IN THE FACULTY OF ARTS AND SCIENCE)

This Course will not be given in 1958.

A residential six weeks' summer school held at Stanstead, Que., and offering undergraduate and graduate courses.

Dates: June 30th, August 9th, 1959.

For special Announcement, apply to the Director, Geography Summer School, McGill University, Montreal.

XVIII. INSTITUTE OF EDUCATION

(IN THE FACULTY OF ARTS AND SCIENCE)

The School for Teachers and the School of Physical Education are part of this Institute.

Degrees offered: Bachelor of Education, and
Bachelor of Education (P.E.)

Diplomas offered: Diploma in Physical Education, and First, Second, Third and Kindergarten Diplomas (issued by the Central Board of Examiners, Quebec).

Period of Study: Degree courses—four years (two years at Macdonald College and two years at McGill University.

Diploma in Physical Education—two years
Other Diplomas—one and two years

For further details, see the Announcement of the Institute of Education.

APPLICATION FOR ADMISSION TO ALL FACULTIES

Application forms for all years in the Faculties of Arts and Science, and Engineering, and for the First year in Medicine, Dentistry, and Divinity may be obtained from the Registrar's Office. Application for admission to other faculties or years should in the first instance be made by letter to the Registrar.

All letters of inquiry should indicate the degree or diploma in which the candidate is interested, so that specific advice can be given regarding entrance requirements.

ADMISSION FROM OTHER UNIVERSITIES

A student of another university applying for advanced standing or for exemption from any subject or subjects which he has already studied must submit with his application a certified copy of his academic record, and may in addition be required to submit a Calendar or Bulletin of the University in which he has previously studied. He should also arrange to have sent separately to the University a confidential report from an officer of instruction or administration who is familiar with his work.

RESIDENTIAL ACCOMMODATION

The University maintains a number of residences which are described in the General Information Pamphlet enclosed with this Announcement. Space is limited, however, and the University does not undertake to provide living accommodation for all *men* students. Application for, and admission into, an academic course are entirely separate from application for, and admission into, a University residence. Residential application forms can be obtained from the individual residence or from the Registrar's Office.

SCHOLARSHIPS AND BURSARIES

Details of the University Entrance Scholarships and of other scholarships, bursaries, and loan funds are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

PHYSICAL EDUCATION REQUIREMENT

All students in the First year of the Faculty of Arts and Science and the Faculty of Engineering are required to take and complete a programme in Physical Education.

FOREIGN STUDENTS

McGill University welcomes properly-qualified foreign students provided they have an adequate knowledge of written and spoken English. Their qualifications are normally judged upon the results of their academic record in the country they come from and there are no special entrance examinations for them. The University does not offer any intensive summer courses in English for foreign students, but the Registrar's Office will be glad to give information about these courses in other Canadian universities. Information about similar courses offered by colleges in the United States can be obtained from the Institute of International Education, 1 East 67th Street, New York 21, N.Y.

The Faculty of Arts and Science

For further particulars see page 411 and also the separate Announcement of the Faculty.

The undergraduate work of the University in the Humanities, and in Social Sciences (B.A.), in the Physical and Biological Sciences (B.Sc.), and in Commerce (B.Com.) is done in McGill College, usually called the Faculty of Arts and Science. Complete details of these courses are given in the separate Announcements of the Faculty of Arts and Science and the School of Commerce, but the information on page 411 and the following notes will, it is hoped, answer most of the inquiries a student entering the First or Second year of the Faculty would wish to make before actually coming to the University.

Correspondence should in the first instance be sent to the University Registrar.

WOMEN STUDENTS

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men.

Women students whose homes are outside Montreal must make application for residence before May 31st to the Warden of the Royal Victoria College. At the same time, they must submit their academic applications. Forms for these purposes are obtainable from the College or from the Registrar's Office. (*See also pages 307 to 310 of the General Information Pamphlet enclosed with this Announcement.*)

AGE OF ADMISSION

Except in special circumstances, no student under the age of sixteen is admitted to the First year, or under the age of seventeen to the Second year.

ENTRANCE REQUIREMENTS

Eligibility to enter the University through Junior or Senior Matriculation is determined fundamentally by reference to the standards maintained by the McGill School Certificate Examinations. These examinations are described in detail in the School Certificate Examinations Announcement, but the names of the required papers are given below. The pass mark is in all cases 50%. Certain other public examinations also recognized for admission to the University are listed on pages 430 and 431. A student with incomplete qualifications cannot be admitted as a regular undergraduate.

ENTRANCE THROUGH McGILL SCHOOL CERTIFICATE EXAMINATIONS

1. ENTRANCE TO THE FIRST YEAR (Junior Matriculation)

To qualify for admission to the first year of the Faculty of Arts and Science a candidate must pass within a period of sixteen months in each of the ten McGill School Certificate papers listed below, or their recognized equivalents.

If a candidate has failed in a paper or if his average falls below the required value, he may ask for reconsideration of his application on the basis of re-written papers, but the final mark will be counted in all cases.

(*a*) *For admission to the First year of the B.A. course* a candidate must pass in each of the following papers in the University's Junior School Certificate and obtain an average of at least 65% on the examination as a whole.

No. of Papers	Subject
2	English
1	General History
2	Latin *or* Greek
2	French; Latin; Greek; German; *or* Spanish; (a language not already chosen)
2	Elementary Algebra *and* Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Drawing; Geography; British or Canadian History; Physics; Music; Intermediate Algebra; Trigonometry; *or* a foreign language not already chosen (the average of the two papers in a foreign language is counted).
10 papers	

A candidate who has not taken Latin or Greek in the entrance examination may be admitted if he has the full B.Sc. qualifications with an average mark of at least 70%. If he is admitted he will be required to include two years of Latin or Greek in his B.A. programme.

(*b*) *For admission to the First year of the B.Sc. course* a candidate must pass the following papers in the University's Junior School Certificate Examination and normally obtain at least 70% upon the examination as a whole. Special consideration may, however, be given to B.Sc. candidates who have secured an average of 65% to 70% and have shown special distinction in such scientific subjects as they have taken in their matriculation, i.e., Mathematics, Chemistry, Physics, Biology, or Botany.

No. of Papers	Subject
2	English
1	General History
2	French *or* German (both papers)
1	Elementary Algebra
1	Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen), *or* any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology *and* Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) British *or* Canadian History (h) Music *or* Drawing (Music *and* Drawing may not both be chosen)
10 papers	

(*c*) *For admission to the First year of the B.Com. course* a candidate must have satisfied *either* the requirements for entrance to the B.A. *or* the requirements for entrance to the B.Sc. course.

(*d*) *For admission to the First year of the B.Ed. or B.Ed. (P.E.) course* a candidate must fulfil the requirements for admission to the first year of the B.A. or the B.Sc. course. Students applying for admission by means of the Quebec High School Leaving examinations may offer Agriculture, Household Science, or North American Literature as optional papers.

2. ENTRANCE TO THE SECOND YEAR (Senior Matriculation)

A candidate may be considered for admission to the Second year of the Faculty of Arts and Science if he has passed in the appropriate ten papers of the McGill Junior School Certificate Examination, or their recognized equivalents, and if he has passed within a period of sixteen months in the papers of the McGill Senior School Certificate Examination, or their recognized equivalents, with an average of at least 70% on the examination as a whole. Special consideration may, however, be given to candidates who have received an average of 65% to 70% if they have obtained high standing in all such subjects as they have taken in the examination which are appropriate to the degree course which they wish to enter. These are: *in Arts*—English, Languages, History; *in Science*—Mathematics, Physics, Chemistry, Biological Science; *in Commerce*—English, History, Mathematics.

The same provisions regarding re-written papers apply to Senior Matriculation as apply to Junior Matriculation (see page 422).

Only in exceptional circumstances may a student who has not qualified for entrance to the First year through Junior Matriculation be admitted to the Second Year by Senior Matriculation alone.

(*a*) *For admission to the Second year of the B.A. course* —
English
Latin *or* Greek
Mathematics (*see footnotes* [1] *and* [2])

---

[1]Two papers: one in Algebra and one in Trigonometry. Candidates who have passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry. The paper in Co-ordinate Geometry, written in addition to the other two, if necessary, is strongly recommended for candidates who intend to study for Honours in Mathematics, Physics, or Chemistry.

[2]All B.A. candidates are advised to offer Mathematics as one of the Senior Matriculation subjects. If, however, a student intends to follow an Honours course in one of the Humanities, or in Political Science, or in History, he may in certain circumstances be permitted to offer another subject in which he has shown marked proficiency in place of Mathematics. The regulations governing the matter are quite specific, and any student who contemplates making the substitution should, *before he commences his Senior Matriculation year*, consult the School Certificate Examinations Announcement or the Announcement of the Faculty of Arts and Science to make sure that he is eligible.

Any two of the following:—

1. History
2. Latin *or* Greek (the one not already chosen)
3. French
4. German
5. Spanish
6. Science (Physics *or* Chemistry *or* Biology)
7. Music
8. Geography

Candidates who intend to apply for entrance to the Faculty of Medicine at the end of the Third year of the B.A. course must take Mathematics.

(*b*) *For admission to the Second year of the B.Sc. course* —

English
Mathematics[1]
Physics
Chemistry
French *or* German[2] *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography

(*c*) *For admission to the Second year of the B.Com. course* —

English
Mathematics[1]
Accountancy[3]
A modern foreign language
History, *or* a second foreign language, *or* a Science (including Geography)

---

[1]For B.Sc. and B.Com.—two papers, one in Algebra and one in Trigonometry. Candidates who have passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry.

The paper in Co-ordinate Geometry, written in addition to the other two, if necessary, is strongly recommended for candidates who intend to study for Honours in Mathematics, Physics, or Chemistry.

[2]A candidate who has passed the two papers in Junior French may obtain Senior B.Sc. or B.Eng. standing in German by passing the Junior examinations in this subject.

[3]Applications of students who have substituted another subject for Accountancy may be considered if their standing is high enough.

FURTHER INFORMATION

Full details of the above examinations are given in the School Certificate Examinations Announcement.

APPLICATION FOR ADMISSION

It is advantageous for out-of-town candidates to make preliminary application, on the proper forms, as early in the year as possible, supplementing this later with the required certificates, transcripts, etc., as these become available.

Applicants should note that clear photo-copies of original documents are acceptable if submitted in duplicate. Sending such copies avoids the risk of losing the originals in the mails.

The Admissions Committee also requires a confidential report from the Principal of the applicant's school. This may if desired be made on a form obtainable from the Registrar.

Students whose native language is not English must satisfy the Assistant Dean that their command of written and spoken English is adequate.

The number of students admitted is limited, and the Faculty is not bound to accept all applicants who have passed the required examinations.

CLASSES OF STUDENT IN THE FACULTY

(1) *Regular Undergraduates:* Students with complete matriculation qualifications taking the regular work of their year towards a degree.

(2) *Limited Undergraduates:* Students with complete matriculation qualifications who have been given the permission of the Dean of the Faculty to distribute the four years' work over five or more years (but not more than eight years), on the understanding that the sequence of courses conforms to the regular undergraduate rules and time table.

Limited Undergraduates are not eligible for scholarships, bursaries, or prizes of any description and may not read for an honours degree.

(3) *Partial Students:* Students not registered as proceeding to a degree who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the lecturer in the course concerned that they have sufficient ability to do the work in such a course. Applications may be refused if limitation of space in lecture rooms and laboratories requires it. A student who has tried and failed to matriculate is not allowed to register as a partial student except in special circumstances.

If a partial student hopes to secure credit for a course, he or she must fulfil all the requirements of classroom work and tests which are prescribed for that course for regular students.

A partial student who has successfully passed the courses of a previous year is not necessarily accepted at a later session.

Subject to the above limitations, lectures are open to partial students in both honours and general classes. Such a student may request the Registrar to issue a certificate stating that he has followed certain courses and showing his class standing in each. Work taken by a partial student cannot, however, be counted towards a McGill degree without a special vote of Faculty.

Partial students are not eligible for scholarships, bursaries, medals, or prizes.

PERIOD OF STUDY

The regular length of the course for a B.A., B.Sc., or B.Com. degree is four years from Junior Matriculation, or three years from Senior Matriculation. Students from other universities are sometimes admitted to the upper years, but the bachelor's degree is never conferred upon a student who has spent less than two years in the Faculty.

REGISTRATION

First year students register on Thursday, September 11th, in the Sir Arthur Currie Gymnasium-Armoury. Science and Commerce students register from 9.00 a.m. to 12.00 noon; Arts Students from 1.30 to 4.00 p.m.

Upper year students in Arts, Science, and Commerce whose names begin with the letters A to L and all Third and Fourth year B.Ed. students register on Monday, September 22nd from 9.00 a.m. to 4.00 p.m.

Upper year students in Arts, Science, and Commerce whose names begin with the letters M to Z and all partial students register on Tuesday, September 23rd from 9.00 a.m. to 4.00 p.m.

After the above official days of registration a special late registration fee must be paid (see General Information pamphlet).

No student is admitted after October 15th except by special permission of the Dean.

Special regulations for the registration of women students are given in the General Information pamphlet.

ADVISERS

Students may consult the Dean, any of the Group Chairmen, or the Assistant Dean, at any time. Women students may also consult the Warden of the Royal Victoria College.

FIRST YEAR PROGRAMME

The academic programme of a student in the First year of the Faculty is generally similar to the Senior Matriculation subjects (*See pages 424 and 425*) required for direct admission to the Second year, but a greater number of optional subjects is provided within the University. An exception is the compulsory course in Economic History in the First year of Commerce, for there is no course equivalent to this in Senior Matriculation.

ADVANCED COURSES IN THE FIRST YEAR

The Departments giving instruction in the First year offer special lectures or work of a more advanced character to students with adequate qualifications. These advanced courses are generally arranged by the Departments when lectures actually commence.

Students in the First year who have the necessary qualifications may be permitted by the Dean to take one or more Second year courses.

GENERAL DEGREES AND HONOURS DEGREES

An undergraduate in the Faculty of Arts and Science may proceed to a General Degree, involving the study of a fairly wide range of subjects with a limited amount of specialization, or to an Honours Degree which, after the Second year, necessitates almost complete specialization in either one or two subjects. For details see the Announcement of the Faculty of Arts and Science.

The word "Honours" is used in the Faculty of Arts and Science in the above sense only. Students who have shown marked ability while proceeding to a General Degree may be awarded Distinction or Great Distinction upon graduating, but do not obtain Honours.

COURSES

Study for degrees in the Faculty is conducted by the following Departments:

Anatomy
(s) Bacteriology and Immunology
(s) Biochemistry
(s) Botany
(s) Chemistry
(a) Classics (Latin and Greek)
(a) Economics and Political Science
Education
(a) English (including some work in Theatre Arts)
Fine Arts
(s) Genetics

(a,s) Geography
(s) Geological Sciences
(a) German
(a) History
(a,s) Mathematics
Music
(a) Philosophy
(s) Physics
(s) Physiology
(a,s) Psychology
Religion
Romance Languages
[French(a); Spanish, Italian]
(a) Sociology and Anthropology
(s) Zoology

Certain interdepartmental courses are offered as well

Departments offering Honours courses for the B.A. degree are marked (a): those offering Honours courses for the B.Sc. degree are marked (s).

Students proceeding to the B.Com. degree also take courses in

Accounting
Business Organization and Industrial Management
Commercial Law
Marketing
Science in Economic Life

B. Com. students who undertake sufficiently specialized work in Economics or Political Science (Public Administration) may obtain an Honours degree in one or other of these subjects.

ATTENDANCE

Students in the First and Second years are required to attend at least seven-eighths of the total number of lectures and of the total number of laboratory periods in each course.

EXAMINATION MARKS

The pass mark in all examinations is 50 per cent, and the minimum marks for first and second class standing are 80 per cent and 65 per cent respectively.

THE TWO TERMS

The regular session is divided into two terms, the first starting about the end of September and the second starting in early January. In the first term, however, lectures in the compulsory courses of the First year begin a week earlier. (For Calendar, see the General Information Pamphlet.) Students commencing a year in the Faculty are normally permitted to enter only at the beginning of the Fall term.

ADMISSION TO THE SECOND AND THIRD YEARS

Applications for entrance to the Second and Third years of the Faculty should be made to the Registrar's Office on the proper forms, and must

be accompanied by complete details of previous school and university work. (*See also pages 419, 424.*)

To obtain a bachelor's degree a student must spend at least two years in McGill College.

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

Each undergraduate in the Faculty is required to register for one of the bachelor's degrees offered (see page 411), and, unless otherwise instructed by the Dean, must follow the regular work of his year toward this degree.

Students intending to transfer into one of the professional faculties before graduating in Arts and Science should make themselves familiar with the entrance requirements of the faculty they seek to enter and should see that the courses they choose conform with these requirements.

For details concerning the granting of the B.A. or B.Sc. degree to students who transfer into the Faculty of Medicine or the Faculty of Dentistry at the end of the Third year, see the Announcement of the Faculty of Arts and Science.

SCHOLARSHIPS AND BURSARIES

A separate announcement giving details of scholarships and bursaries may be obtained from the Registrar's Office.

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, in certain circumstances, the equivalent of Junior or Senior Matriculation standing for admission to the Faculty of Arts and Science, the Faculty of Engineering, and other faculties and schools.

The Admissions Committees of the various faculties require generally that:

(1) The certificate has been obtained under no easier conditions than those of McGill Matriculation.

(2) The subjects of the examination and the school course followed are those the University requires.

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without first having obtained an official acceptance of their application.

The following gives a brief outline of the certificates and examinations *which will be considered on their merits* towards meeting the University entrance requirements. For more extensive lists and further details see the School Certificate Examinations Announcement.

1. *For admission to the First year of the B.A., B.Sc., B.Com., B.Ed., B.Eng., B.Arch., B.Sc.(Agr.), B.Sc.(H.Ec.), B.Ed.(P.E.), B.Sc.(N.), and B.Sc. (P.&O.T.) courses:*

Canada

The recognized Junior Matriculation or equivalent examinations of the various provinces.

Great Britain

In the General Certificate of Education, passes in five suitable subjects excluding Religious Knowledge will be the normal standard for admission.

United States

The tests of the College Entrance Examination Board. All candidates from the United States are advised to write these tests, preferably at the January or the March session. The Scholastic Aptitude tests and three Achievement tests, the latter chosen in consultation with the applicant's school Principal, should be taken. Further particulars are available from the Registrar's Office.

Miscellaneous

Other certificates such as those issued by universities or public examining boards will be judged on their merits and accepted if they meet all the University requirements.

2. *For admission to the Second year of the B.A., B.Sc., B.Com., B.Ed., B.Eng., B.Arch., B.Sc.(Agr.), B.Sc.(H.Ec.), B.Ed.(P.E.), and B.Sc. (P.&O.T.) courses, and to the graduate degree course in Nursing:*

Canada

The recognized Junior and Senior Matriculation or equivalent examinations of the various provinces.

Great Britain

In the General Certificate of Education, passes in five at Ordinary level and two appropriate subjects at Advanced level.

United States

Completion of one year in an approved college with a suitable syllabus and good grades.

McGill University

Montreal

School Certificate Examinations

June and August 1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
Institute of Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, and School of Household Science.)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (available for distribution only to libraries and officials of certain institutions.)

INDEX

	Page
Accountancy	536
Admission:	
To Agriculture	513
To Arts and Science	511, 533
To Engineering	513, 535
Algebra	525, 545
Analytical Geometry—*See Co-ordinate Geometry*	
Arithmetic	524
Art	514, 537
Biology	515, 537
Botany	516
Certificates Recognized	530, 547
Chemistry	518, 540
Co-ordinate Geometry	545
Elementary Algebra	525
Elementary Geometry	525
English	518, 540
Fees	506
French	520, 542
Geography	521, 542
Geometry	525, 545
German	522, 544
Greek	523, 544
History	523, 544
Junior Matriculation	505, 511
Junior School Certificate	505, 506, 509
Latin	523, 544
Mathematics	524, 545
Music	527, 545
Physics	527, 546
Spanish	529, 547
Senior Matriculation	505, 533
Senior School Certificate	505, 506, 532
Trigonometry	526, 545

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement

School Certificate Examinations

Scholarships, Bursaries, and Loan Funds

Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)

Faculty of Medicine

Faculty of Medicine Postgraduate Courses

Faculty of Dentistry

Faculty of Engineering (Degrees in Engineering and in Architecture.)

Faculty of Law

Faculty of Music

Faculty of Divinity

Faculty of Graduate Studies and Research

School of Commerce

Library School

Institute of Education

School for Graduate Nurses

School of Physical and Occupational Therapy

School of Social Work

Woodsworth College (Extension Department and School of Retailing)

(Limited distribution.)

Summer Session (Announcement of Summer Courses for Teachers only to be issued in January. Separate announcements for the Summer Session for Graduates and Undergraduates.)

Trinity College (Arts and Science)

The School Certificate

The Junior School Certificate examination is intended as a test for pupils who are completing their secondary school education.

The requirements for the certificate are given below, and also the requirements for admission to various courses at McGill University. It must be emphasized that these are not the same thing. To matriculate, i.e. to enter the University, a candidate must write and pass all the papers required by the faculty he wishes to enter and obtain the average mark the faculty has set. Thus, to enter the Faculty of Arts and Science an applicant must write ten papers (see page 511), although he may obtain the Junior School Certificate by writing eight papers only.

The Senior School Certificate examination is intended as a corresponding test for pupils who have done one year of academic work beyond that required for the Junior School Certificate.

The standard of the senior papers is approximately that of the First Year examinations in the Faculty of Arts and Science, but the certificate does not automatically confer the right to enter the Second Year of any university course.

For the conditions under which these certificates will admit into the various faculties of the University, see pages 511 to 514 and pages 533 to 535.

School Certificate Examinations

GENERAL REGULATIONS

JUNE AND AUGUST EXAMINATIONS

The School Certificate examinations are held in June and August— in June at McGill University and also at local centres; in August at McGill University only. The time-tables for these examinations are issued in February each year.

All inquiries relating to the examinations should be addressed to the Registrar of the University.

APPLICATION FORMS

Every candidate for examination is required to fill in an application form and return it to the Registrar's Office with the necessary fee before the 1st of May* or the 1st of August, for the June or August examinations respectively. After these dates applications may be accepted for the Montreal centre only. A special late fee of $1.00 is charged for such applications.

FEES

Junior Examination. The Junior Examination fee is $3.00 per paper with a maximum fee of twenty dollars.

Senior Examination. The Senior Examination fee is $3.00 per paper with a maximum fee of twenty dollars.

REGULATIONS CONCERNING FEES

In centres outside Montreal candidates may be required to pay the whole or part of the expenses of invigilation.

A fee of $1.00 is charged for late applications (*see above*).

---

*Candidates wishing to take the examinations in Oral French (*see pages 520 and 543*) at a centre outside Montreal must notify the Registrar in writing before the *first of April* in addition to making application on the usual forms. The University will then decide whether this examination can be held at the requested centres.

No refunds are paid to candidates after the last day of registration (1st May or 1st August), excepting only when a candidate is absent throughout the whole examination on account of illness, and a medical certificate to this effect is presented within four weeks of the close of the examination.

Fees paid for one examination cannot be credited towards a subsequent examination.

CERTIFICATES

The examinations may be taken in parts but the University will issue a School Certificate only on the results of examinations written within a period of sixteen months.

This rule also applies to the recognition of certificates granted by other examining bodies.

School Certificates are issued only to candidates who have passed the complete University School Certificate Examination.

TEXTBOOKS

JUNIOR SCHOOL CERTIFICATE

The University does not recommend or refer to specific textbooks in the syllabi of its Junior School Certificate Examinations, except in Mathematics. Set "texts", however, form an essential part of the language papers.

SENIOR SCHOOL CERTIFICATE

The University has also discontinued the recommendation of some of the Senior School Certificate textbooks, but in some subjects it is considered desirable that the work should follow closely that of the corresponding course in the first year of the Faculty of Arts and Science, and in such subjects the textbooks used in the University courses have been retained as Senior School Certificate textbooks for the present.

CONSULTATION WITH DEPARTMENTS

The University Departments concerned will be pleased to give school principals or specialist teachers advice concerning methods or books of reference, and to discuss problems that may arise in connection with the syllabi for either the Junior or the Senior School Certificate Examinations. The Assistant Registrar will be glad to arrange such conferences.

PREVIOUS PAPERS

Books containing the examination papers set in either June or August of any one year may be obtained from the University Bookstore, at 25 cents a copy, so long as quantities last.

PUBLICATION OF RESULTS

Each candidate will receive a statement of his results as soon as they are ready. The certificates are sent to successful candidates a little later.

A list of the successful candidates is published in the Press. This list gives the class of the certificates obtained and any distinctions gained, but does not give any relative order of merit within the three classes.

The actual marks in each paper are sent to each candidate and are given on the back of the certificate but are not otherwise published.

Junior School Certificate

REQUIREMENTS FOR THE CERTIFICATE

To obtain a School Certificate a candidate must complete the requirements within a period of sixteen months. This allows four attempts in the June and August examinations of two successive years.

For first and second-class certificates two attempts only are allowed. For details, see page 510.

The pass mark in each paper is fifty per cent. To obtain the certificate a candidate must write eight papers chosen according to the regulations that follow and must *either* pass in every paper *or* obtain an average of at least sixty per cent in the eight papers with no individual mark below forty per cent.

COMPULSORY PAPERS

English Literature
English Composition
*French Written paper

OPTIONAL PAPERS

Five papers on optional subjects must be chosen from not less than two of the three groups below:

GROUP I	GROUP II
Algebra	French Oral examination
Geometry	German (two papers)
Chemistry	Spanish (two papers)
Physics	Latin (two papers)
Botany	Greek (two papers)
Biology	
Intermediate Algebra	
Trigonometry	
Higher Arithmetic	

*The University may, in special circumstances, permit candidates to substitute another modern language for French.

GROUP III

General History
British History *or* Canadian History
Geography
Art
Music

A candidate may write more than eight papers—in fact ten are required for entrance to the University (see page 511)—but the certificate is awarded on the eight papers only. If a successful candidate writes more than eight papers, the class of the certificate he receives is reckoned on the subjects in which he has the highest marks. If such a candidate offers a subject, such as Latin, which has two papers, the marks in both these papers must either count towards the certificate or be neglected, i.e., a candidate cannot count towards his certificate the better of two Latin marks and the better of two German marks.

FIRST, SECOND, AND THIRD CLASS CERTIFICATES

Successful candidates are awarded a School Certificate of the first, second, or third class.

To obtain a first or second class certificate a candidate must complete the examination in not more than two attempts within a period of sixteen months and may write a part of the examination at each attempt. The marks obtained in his first attempt will always be counted towards a third class certificate, but will not be counted towards a first or second class certificate if he fails in more than one paper. To obtain a first or second class certificate such a student must rewrite the whole examination, and the certificate will be awarded solely on the marks obtained at the second attempt.

An average of 80% or over in all the papers required for the certificate entitles a candidate who has complied with the previous regulation to a first class certificate.

An average of 70% or over obtained under the same conditions, entitles a candidate to a second class certificate. Other successful candidates receive a third class certificate.

DISTINCTIONS

Candidates who obtain 80% or over in any subject are given distinction in this subject. Distinction is not given in *single* papers of Mathematics or the languages (including English).

ENTRANCE REQUIREMENTS OF FACULTIES ADMITTING STUDENTS ON THE BASIS OF THESE EXAMINATIONS
(JUNIOR MATRICULATION)

FACULTY OF ARTS AND SCIENCE

To qualify for admission to the First year of the Faculty of Arts and Science a candidate must pass (i.e. obtain 50%) within a period of sixteen months in each of the ten McGill School Certificate papers listed below, or their recognized equivalents. For entrance to the B.A. course an average mark of at least 65% must be obtained in ten papers including two in Latin or in Greek. If neither Latin or Greek is included, the average required is 70%.

For entrance to the First year of the B.Sc. course, the candidate must normally obtain an average of at least 70%. Special consideration may, however, be given to B.Sc. candidates who have secured an average of 65% to 70% and have shown distinction in subjects related to the course they wish to enter.

To enter the B.Com. course, a candidate must have the qualifications listed above for either the B.A. or the B.Sc. course.

Entrance qualifications for the B.Ed. and B.Ed.(P.E.) courses are shown on page 513.

I. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.A. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	General History
2	Latin *or* Greek*
2	Written and Oral French *or* two papers in Greek *or* Latin (the one not already chosen), *or* German, *or* Spanish.
2	Elementary Algebra Elementary Geometry

*A candidate who has not taken Latin or Greek in the entrance examination may be admitted if he has the full B.Sc. qualifications with an average mark of at least 70%. If he is admitted he will be required to include two years of Latin or Greek in his B.A. programme.

1	One of the following: Biology; Botany; Chemistry; Art; Geography; Physics; Music; Intermediate Algebra; Trigonometry; Canadian History *or* British History; a foreign language not already chosen (the average of the two foreign language papers is counted).

10 papers

2. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	General History
2	Written *and* Oral French *or* two papers in German
2	Elementary Algebra Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen) *or* any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology and Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) British History *or* Canadian History (h) Music *or* Art (Music and Art may not both be chosen)

10 papers

3. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Com. DEGREE

For admission to the First year of the B.Com. course a candidate must have satisfied *either* the requirements for entrance to the B.A. *or* the requirements for entrance to the B.Sc. course.

4. ADMISSION TO THE COURSES LEADING TO THE B.Ed. DEGREE

For admission to the First year of the B.Ed. course a candidate must fulfil the requirements for admission to the first year of the B.A. or the B.Sc. course. Students applying for admission by means of the Quebec High School Leaving examinations may offer Agriculture, Household Science, or North American Literature as optional papers.

Candidates for admission are also required to meet the Admissions Committee of the School for Teachers before their applications are approved.

5. ADMISSION TO THE COURSES LEADING TO THE B.Ed.(P.E.) DEGREE

For admission to the First year of the B.Ed.(P.E.) course a candidate must fulfil the requirements for admission to the first year of the B.A. or the B.Sc. course. Students applying for admission by means of the Quebec High School Leaving examinations may offer Agriculture, Household Science, or North American Literature as optional papers.

FACULTY OF ENGINEERING

ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Eng. AND B.Arch. DEGREES

The subjects required for admission into the first year of the Faculty of Engineering are the same as those required for the first year of the B.Sc. courses. A general average of 60%, with not less than 60% in each paper in Mathematics, Physics, and Chemistry, is required.

FACULTY OF AGRICULTURE

1. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. (Agr.) DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	History
2	Latin *or* French *or* German *or* Spanish (French preferred)
2	Elementary Algebra Elementary Geometry
1	Physics *or* Chemistry *or* Biology
2	EITHER Latin *or* French *or* German *or* Spanish (if not already chosen); OR Any two of the following papers not already chosen: (a) Intermediate Algebra

(b) Trigonometry
(c) *Botany *or* *Biology
(d) Chemistry
(e) Physics
(f) Art
(g) Geography
(h) British *or* Canadian History
(i) Music (Household Science candidates only. Music and Art may not both be chosen.)

—
10 papers

2. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. (H.Ec.) DEGREE

The requirements are those of the B.Sc. (Agr.) courses printed above, with the modifications noted.

PRESCRIPTION OF WORK IN EACH SUBJECT

For the examinations in June and August 1959

In all papers marks will be deducted for errors in spelling and grammar.

ART

No examination paper.

Students applying for School Certificate standing in Art will present a portfolio of not more than twelve original works selected, with the aid and certification of the art teacher or the School Principal, to illustrate the applicant's achievements along any number of the following general lines:

1. Ability to record observation of objects or scenes, in terms of either quick sketch or protracted study, in monochrome or colour.
2. Competence in design or composition in any of the following forms: pictures, posters, illustrations, formal decorations.
3. Sensitivity to the intrinsic possibilities and limitations of whatever medium is employed, no value being attached to the number of media attempted.
4. Ability in imaginative conception and convincingness of its projection.

*Botany and Biology may not both be chosen.

5. Powers of interpretation . . . sensitivity in expressing, rather than merely reproducing, a given subject or theme, whether imaginative or actual, objective or non-objective.

Portfolios must be in the Registrar's Office, Dawson Hall, McGill University, not later than Monday, 18th May, 1959, and may be reclaimed two weeks thereafter.

BIOLOGY

One examination paper.

All the subjects mentioned should be studied practically, both in the field and in the classroom. Vivaria and aquaria should be kept and plants should be grown in soil and water culture. Pupils should be encouraged to collect material and so add to the school museum. Typical preparations and demonstration dissections should be made. In small classes pupils might do some dissection personally. Simple experiments should be used wherever possible. The use of a hand lens is essential for every pupil and a microscope should be available.

I. *Plants: Algae:* one unicellular type, and either Spirogyra or Ulothrix. *Fungi:* Bacteria, Yeast, Bread mould, Wheat rust, a Mushroom. *Lichens:* general study only. *Bryophyta:* Marchantia or any one Moss. *Pteridophyta:* a Fern. *Gymnosperms:* a Conifer. *Angiosperms:* one herbaceous monocotyledon, one herbaceous dicotyledon, one dicotyledonous tree.

The following points should be considered in studying the above: adaptation to environment, structure, life-history, physiology, seasonal changes.

II. *Animals: Protozoa:* Amoeba, Paramoecium, Plasmodium. *Coelenterata:* Hydra. *Platyhelminthes:* Tape worm. *Annelida:* Earthworm. *Arthropoda:* Crayfish or Grasshopper. *Pisces:* Perch or any other fish. *Amphibia:* Frog. *Reptilia and Aves:* the external characters of any one reptile and any one bird. *Mammal:* Rabbit or Rat.

The following points should be considered in studying the above: adaptation to environment, structure, physiology (including locomotion, nutrition, circulation, respiration, secretion, excretion, nerve control, action of hormones, growth), reproduction, seasonal changes.

III. *General:* The general structure of a plant cell and of an animal cell as seen in Spirogyra and Amoeba. Euglena as illustrating both plant and animal characters. The properties of living matter. The differences between animals and plants.

Elementary outlines of the principles of heredity and variation among plants and animals.

Simple evidence of the theory of evolution.

IV. *Field Natural History:* Trees and animals of the neighbourhood. Relation of plants and animals to their physical environment and to one another in *one* type of community, such as woodland, pasture, cultivated land, swamp, or an aquatic community. The dominant plants and animals of this community.

V. A general study of the interrelations of plants and animals with man, and of the importance of plants and animals as sources of food, shelter, clothing, and commercial products, with special reference to the types studied in sections I and II.

Suggested topics:

Plants: Green plants as basic food supply. Plant geography and plant industries of North America in relation to climate. Organic decay and the carbon and nitrogen cycles. Control of pathogenic bacteria and fungi.

Animals: Protozoan and other parasites as causal agents of disease. Insects, useful and injurious, in relation to human health, farm stock, crops, and forests. The place of birds in nature. Food animals. Fur-bearing animals in relation to climate.

BOTANY

One examination paper.

All the subjects mentioned should be studied practically. Aquaria should be kept, plants grown in soil and water culture, and simple physiological experiments carried out. The use of a hand lens is essential for every pupil and a microscope should be available.

The items of the syllabus may be studied in any suitable order.

I. Organs and Cells

The general external characters and structure of a flowering plant considered in relation to its mode of life.

Structure of a plant cell; properties of protoplasm; types of cell.

II. Types and Classification

The general structure, life history, relation to environment, and broad classification of the following types:

Thallophyta: Algae—Oscillatoria, Protococcus, Spirogyra, Oedogonium, Fucus, or Laminaria.

Fungi—Bacteria, Yeast, Mould, Mushroom, other Fungi, including at least one parasitic form.

Lichens—general.

Bryophyta: A Liverwort, a Moss.

Pteridophyta: A Fern, Equisetum, Selaginella.

Spermatophyta: Gymnosperms—one Conifer type and general characters of other local species.

Angiosperms—a Monocotyledon; Dicotyledons—herbaceous and tree types. General structure of flower, fruit, and seed. Comparison with homologous structures of preceding types.

Leading characters of the groups listed above. Trends in the evolution of a many celled body and of sexual reproduction as illustrated by the algal types, and of alternation of generations and adaptation to land life as displayed by the higher forms.

General characteristics and common plants of the following families of flowering plants: Liliaceae, Gramineae, Orchidaceae, Ranunculaceae, Rosaceae, Leguminosae, Umbelliferae, Solanaceae, Labiatae, Compositae.

III. Physiology and Histology

Elements of the microscopic structure of a typical leaf, root, herbaceous stem, and woody stem studied in relation to the functions of the organ and its parts.

Essentials of nutrition (photosynthesis, mineral nutrition, storage of foods, special modes of feeding), respiration, water relations, growth, tropisms, and reproduction. The organism as a whole. Seasonal changes in perennial herbs and trees.

IV. Field Natural History

Common trees and some other plants of the neighbourhood. Elements of the ecology of at least one local area, such as wood, meadow, swamp, or seashore. Adaptation to environment. Modes of pollination and of distribution and germination of seeds.

V. Heredity

Elementary outline of the principles of heredity and variation as applied to plants.

VI. Relation to Man

Green plants as the basic food supply. Man's staple food plants. Nature and source of other important plant products, e.g., lumber, fibres, paper, rubber. Useful bacteria and fungi; organic decay, carbon and nitrogen

cycle. Pathogenic bacteria and fungi and their control. Main types of vegetation found in North America, with emphasis on Canada; their relation to climate and to human activities.

CHEMISTRY

One examination paper.

The proficiency in Chemistry will be examined on evidence of an elementary knowledge of:

The properties of matter as required to establish the Molecular Theory of Gases, the Atomic Theory, the Theory of Ionization, and the Periodic Law.

The composition, physical properties, and chemical transformations of common materials such as the atmosphere, natural waters, common minerals and ores, metals and alloys, foodstuffs, and textiles.

The preparation and properties of the more common non-metallic elements: Hydrogen, Carbon, Nitrogen, Oxygen, Silicon, Sulphur, and Chlorine together with their simple compounds of economic importance.

The preparation and properties of the more common metallic elements: Sodium, Calcium, Magnesium, Aluminium, Iron, Copper, and Silver, together with their simple compounds of economic importance.

The principal chemical industries including the fixation of nitrogen, the utilization of brines as in the preparation of soda ash, sodium hydroxide and chlorine, the distillation of petroleum products, and the utilization of wood cellulose.

The nature of chemical reaction including the factors affecting the rate of chemical reaction, exothermic and endothermic reactions, the principle of mass action, the nature of oxidation and reduction as exemplified by combustion and the winning of metals.

An elementary conception of valence in the formation of electrovalent and covalent compounds.

ENGLISH

Two examination papers: one in Composition, and one in Literature.

COMPOSITION

No special readings are required for the Composition paper. Candidates will be asked to write on a wide choice of general subjects and the paper will include at least one question in which the student is addressing a particular audience. There may also be questions on errors of grammar, spelling, etc.

LITERATURE

For critical study:

1. Poets:
   1959 Byron, Shelley, Keats, Tennyson, as in Cunliffe and Cameron *Poems of the Romantic Revival* (Copp-Clark).

   1960 Coleridge, Wordsworth and Browning as in Cunliffe and Cameron *Poems of the Romantic Revival* (Copp-Clark).

   Arnold—*The Forsaken Merman, Shakespeare, Memorial Verses, Self Dependence, The Future, Philomela, To Marguerite* ("yes, in the sea of life enisled"), *Dover Beach, Obermann Once More, Rugby Chapel.*

2. Shakespeare:
   1959 *Romeo and Juliet* or *Macbeth*
   1960 *Julius Caesar* or *Hamlet*
   1961 *Henry IV Part I* or *The Tempest*

For general reading:

3. Novels:
   1959 A novel of Thackeray or a novel of George Eliot
   and
   Wells, *Mr. Polly* or Cather, *Shadows on the Rock*
   1960 A novel of Scott or a novel of Hardy
   and
   Conrad, *Victory* or Maugham, *Of Human Bondage*
   1961 A novel of Trollope or a novel of Hawthorne
   and
   W. H. Hudson, *Green Mansions* or Stephen Crane, *The Red Badge of Courage*

4. Drama:
   1959 Shakespeare, *Twelfth Night* or a play of Goldsmith
   1960 Shakespeare, *Henry V* or a play of Shaw
   1961 Shakespeare, *As You Like It* or a play of Galsworthy

5. Essays:
   At least *two* essays from any *five* of the following: Bacon, Addison, Steele, Goldsmith, Lamb, Hazlett, Hunt, Stevenson
   Suggested Anthologies:
   Peacock, *Selected English Essays* (Oxford)
   Williams, *A Book of English Essays* (Pelican)

6. Twentieth Century Literature:
   A novel *or* play *or* biography *or* selection of short stories, poems plays, essays—written and published since the year 1900

FRENCH—One written paper and one oral examination.

WRITTEN PAPER

This will consist of four parts, each carrying 25 marks.

A. *French Essay*

A short essay in French (100-150 words) on a topic of general interest selected by the candidate from a list printed on the examination paper.

B. *French Unseen*

Translation into French of a short English passage (approx. 100 words) which may be a narrative, a conversation, or a description.

C. *French Grammar*

Translation into French of approximately a dozen short English sentences, each illustrating a point of grammar.

D. *French Texts*

Four or five questions in French to be answered in French at some length on a text appointed for the year.

Text for 1959—Maupassant, *Eight Short Stories* (Ed. White-Heath).

Text for 1960—Daudet, *Neuf Contes Choisis* (Victor Francois) (Holt).

ORAL EXAMINATION

The examinations will be held at different centres on dates selected by the Matriculation Board between 1 May and 15th May. The Board cannot guarantee to provide oral examinations for candidates who do not register before the 1st of April.

The oral examination will consist of three tests.

A. *Oral Comprehension Test* (20%)

The examiner will read out twice to a group of candidates a French passage of not more than 120 words; then he will ask four or five questions in French on that passage. Candidates will be required to answer these questions *in writing* and *in English* on the spot.

B. *Pronunciation Test* (20%)

Each candidate will be required to read aloud a passage of not more than 200 words selected by the examiner from any of the books the candidate has read for the examination.

C. *Fluency Test* (60%)

A conversation between candidate and examiner in the course of which students will have to answer questions on the contents of *two* prepared texts selected from the following:

1. Dumas: Le collier de la Reine (Bovée et Guinard) (The Macmillan Co., New York)
2. Hugo: Les Misérables (Super) (Heath)
3. Daudet: Tartarin de Tarascon (Hawkins) (Heath)
4. Deval: Tovaritch (Heath) *1959 only;* to be *replaced in 1960 by* Labiche: La poudre aux yeux (Dale) (Heath)
5. Fite: Four contemporary one act plays (Heath)
6. Mérimée: Colomba (Robert Humphreys) (Heath)
7. Pagnol: Topaze (Heath)
8. Simenon: Le client le plus obstiné du monde (McIntosh)
9. Acremant: Ces dames aux chapeaux verts (Oliver and Boyd)
10. Fauchois: Prenez garde à la peinture (Heath)

GEOGRAPHY

One examination paper.

Geography is taken to be primarily the study of the earth as the home of differentiated communities and cultures; this calls for a clear understanding of the ways in which men have shaped the habitable parts of the environment to their own ends and have themselves been influenced in the process. It also calls for an examination of the functional role of land forms, rivers, climates, vegetation, etc., in guiding human activities.

It is assumed that candidates will know how to handle topographic, climatic, and distributional maps, and that they will be able to draw simple sketch maps (e.g. of their home area). They may be asked to insert data on a base map of a given country or continent, and to describe and analyze the geographical features of ground and air photographs.

A. *General Geography* (one third of the course)

A study of the world in outline, with special reference to the following subjects:

Size, shape, and movements of the earth.
Latitude and longitude and time zones.
Distribution of land and water.
Tidal phenomena and ocean currents.

Land forms and the agencies modifying them.
Configuration and surface characteristics of the continents.
Factors determining climates: the broad distribution of winds, temperature, rainfall, vegetation, soils and animal life.
Major natural regions and their characteristic human economies.

B. Regional Geography (one third of the course)

Canada and the United States in considerable detail. Emphasis should be placed on the geographical factors influencing their settlement and subsequent economic development.

C. Maps and Aerial Photographs (one third of the course)

The elements of map-making, map-reading and air photo interpretation. Candidates are expected to show familiarity with the topographical maps produced by The Topographic Survey of the Department of Mines and Technical Surveys, Ottawa.

Suggested Texts and Atlases: At Home on Our Earth—The United States and the British Commonwealth, G. Whipple and P. E. James (Macmillan Co.); *The Geography of Canada*, J. L. Robinson (Longmans, Green & Co.); *Earth Science—The World We Live In*, S. N. Namowitz and D. B. Stone (Van Nostrand Co.); *Canadian Social Studies Atlas* (Dent & Sons); *Goode's School Atlas* (Rand McNally).

GERMAN

Two examination papers: one on prescribed texts, and one on grammar and translation of continuous passages from German into English and from English into German.

B.A.

Texts (Translation and grammatical study): Guerber, Märchen und Erzählungen Vol. 1 (Heath), Numbers 1, 2, 5, 6, 7, 8, 11, 12, 13, 14, 15; Peter Fabrizius, Wer zuletzt lacht . . . (Appleton-Century-Crofts, Inc., New York).

Grammar: A thorough knowledge of German accidence and syntax.

Translation at Sight from English into German and German into English of easy prose passages.

B.Sc.

Texts (Translation and grammatical study): Guerber, Märchen und Erzählungen Vol. 1, (Heath), Numbers 1, 2, 5, 6, 7, 8, 11, 12, 13, 14, 15; and Fiedler and Sandbach, A first German Course for Science Students (Oxford University Press).

Grammar: A knowledge of German accidence and syntax.

Translation at Sight of sentences from English to German and of easy prose passages from German into English.

GREEK

Two examination papers: one on Colson and Grammar; the other on Allen and Composition.

Texts: Colson, Greek Reader, Parts III, IV, V (Macmillan); Allen, The First Year of Greek, Lessons 1-34 inclusive, with the Exercises belonging to these lessons (Macmillan).

Grammar: Knowledge of grammar will be tested by translation and by grammatical questions based on the specified texts.

HISTORY

One examination paper is offered in each of the three following fields:

(*a*) *General History from 1600-1939*

(*b*) *British History from 1714-1939*

(*c*) *The History of Canada with related topics in the History of the United States from the age of discovery until 1939.*

A Guide to Reading containing references and suggestions for teachers and students who are preparing for these History papers may be obtained from the Registrar's Office.

These lists are intended as a bibliographical aid for teachers who may concentrate on certain topics in which they are especially interested or which they think particularly desirable for their students.

The examination paper will give a wide choice of questions and will be so divided that a candidate may not pass by concentrating on one particular aspect of the work.

As the General History paper is primarily a test of knowledge of European History, questions dealing with such things as the Far East, Africa, England, will only be included if they impinge on European History.

The paper in Canadian History will give a wide choice of questions and will give the candidate an opportunity to relate his knowledge of Geography to that of History.

LATIN

Two examination papers: one on the Prose authors and Composition; the other on the Poets, Sight Translation, and the textbook *Everyday Life in Rome.*

Texts (Translation and grammatical study):

Bonney and Niddrie, *Latin Prose and Poetry* (Ginn)

Virgil, Part 1: IV – IX; Part 2: Georgics II, V; Aeneid III, IV
Horace IV, V, VIII, IX
Catullus II, VII
Cicero I, VI and Letters III, V
Nepos VII, VIII, IX
Livy V, IX, X, XI, XII
Pliny XI, XII
Ovid I, V, IX

Treble and King, *Everyday Life in Rome* (Oxford)

Knowledge of grammar will be tested by translation and composition, and by questions in grammar based on the specified texts.

Translation at Sight from Latin into English (with the aid of a vocabulary of unfamiliar words).

Composition. Translation into Latin of detached sentences. The vocabulary is based upon the texts studied.

(Composition questions will not deal with subordinate clauses in indirect narration; temporal clauses with *dum*, *donec*, and *quoad*, *antequam* and *priusquam* where these require the subjunctive; *quin* and *quominus* clauses; causal and concessive clauses requiring the subjunctive.)

NOTE—The "Roman" method of pronouncing Latin is recommended.

MATHEMATICS

ELEMENTARY MATHEMATICS

HIGHER ARITHMETIC

One examination paper.

1. Addition, subtraction, multiplication, and division of integers. Factors, highest common factor, and least common multiple.

2. Properties of vulgar fractions including addition, subtraction, multiplication, and division. Complex fractions.

3. Properties of decimals including the conversion of vulgar fractions into decimals and vice versa. Extraction of square root. Contracted multiplication and division of decimals.

4. Simple properties of ratio and proportion. The unitary method.

5. Simple properties of percentages, e.g., changing a fraction to a per-cent and vice versa, finding what per cent one number is of another.

6. Units of measurement and changing from one unit to another. A knowledge of the standard tables of weights and measures will be expected, e.g., length, area, volume, capacity (liquid and dry), apothecaries (fluid and weight), avoirdupois and troy weight, time, English and Canadian monetary systems. The metric system.

7. Simple mensuration of the rectangle, triangle, parallelogram, trapezoid, circle, cylinder, cone, and pyramid.

8. The construction and interpretation of simple graphic and other representative diagrams of concrete numbers

Candidates will be expected to apply the preceding principles to the solution of simple problems such as the making of solutions and preparation of dosages, the relation between pressure and temperature of a gas, the comparison between Fahrenheit and Centigrade thermometer scales etc.

Students should be taught to apply rough approximations, such as

$$\frac{3.1416 \times \sqrt{64.37}}{\sqrt[3]{126}} \simeq \frac{3 \times 8}{5} \simeq 5$$

to check the accuracy of their work, and they should also be shown how to use tables of squares, square roots, cubes, and cube roots of integers and decimals. A knowledge of circulating decimals will not be required.

High School Arithmetic by A. T. Batstone, E. T. Alexander, J. A. Chown, published by The Ryerson Press, Toronto, will be found useful.

ELEMENTARY ALGEBRA

One examination paper.

Elementary rules, involution, evolution, fractions, indices, surds, simple and quadratic equations involving one or more unknown quantities, simple graphs, ratio and proportion, as in High School Algebra by J. T. Crawford (Revised Edition, 1940) published by Macmillan and Co., pp. 1-320, or Intermediate Algebra for College Students by Thurman S. Peterson (Revised Edition), published by Harper and Brothers, New York, pp. 1-279, (omitting page 207 and pp. 261-267) or similar text-books.

ELEMENTARY GEOMETRY

One examination paper.

The paper will contain questions on practical and on theoretical geometry.

In practical geometry, where the validity of a construction is not obvious, the reasoning by which it is justified may be required. Every

candidate must provide himself with a ruler graduated in inches and tenths of an inch, and in centimeters and millimeters, a set square, a protractor, compasses, and a hard pencil. All figures should be drawn accurately.

The questions on theoretical geometry will consist of theorems contained in the textbook prescribed, together with questions upon these theorems, easy deductions from them, and arithmetical illustrations. Any proof of a proposition will be accepted if it forms part of a systematic treatment of the subject.

In the proof of theorems and deductions from them, the use of hypothetical constructions will be permitted. Proofs which are only applicable to commensurable magnitudes will be accepted.

Textbook recommended:—Geometry for High Schools by W. J. Lougheed and J. G. Workman, published by the Macmillan Co. of Canada (1941), omitting pp. 223-224, 242, 308-314, 323-329, or the same subject matter in Plane Geometry (Revised Canadian Edition) by H. S. Hall and F. H. Stevens, published by the Macmillan Company of Canada, or similar text-books.

INTERMEDIATE MATHEMATICS

Four-figure mathematical tables will be provided.

INTERMEDIATE ALGEBRA

One examination paper.

Arithmetic, geometric, and harmonic progressions, variation, permutations and combinations, binomial theorem, logarithms, number system, theory of quadratic equations, as in Intermediate Algebra by H. Tate, published by Sir Isaac Pitman and Son, Toronto, or as in similar textbooks.

INTERMEDIATE TRIGONOMETRY

One examination paper.

Measurement of angles, radian measure, trigonometrical ratios of functions of one angle, of two angles, and of a multiple angle, relations between the sides and angles of a triangle, easy problems on heights and distances, easy trigonometrical equations, as in Elementary Trigonometry by H. S. Hall and S. R. Knight, adapted for use in Canadian Schools (1940 edition), published by the Macmillan Company of Canada, Chaps. I to XI inclusive, omitting paragraph 113a, or as in similar textbooks.

MUSIC

The Grade 9 Certificate of McGill University in practical subjects and the Grade 9 Certificate in theoretical. (Details will be found in the Announcement of the Conservatorium of Music.)

PHYSICS

One examination paper.

The following are the main topics required in Mechanics, Heat, Electricity, and Magnetism.

Mechanics

Measurements of length, area, volume, mass, and weight. The beam and spring balances.

Uniform and uniformly accelerated motion in a straight line; Newton's laws of motion and simple applications of them. Motion under gravity; the law of gravitation. Moments of forces; composition of parallel forces, equilibrium of forces (parallelogram and triangle laws); centre of gravity, Work, energy, power. Sliding friction. Mechanical advantage of a machine; levers, pulleys, wheel and axle, differential pulley and differential wheel and axle, inclined plane, wedge, screw; efficiency of a machine. Density and specific gravity. Fluid pressure, Pascal's law; hydraulic press. Relation between pressure and depth. Buoyancy; Archimedes Principle; floating bodies. Measurement of specific gravity of solids and liquids; specific gravity bottle, hydrometer.

Weight and pressure of air; barometers, determination of altitude, weather forecasting, Boyle's Law. Air pumps and compressors. Pressure gauge. Suction and force pumps, siphon.

Surface tension and capillarity (qualitative treatment).

Heat

Elementary ideas of the structure of matter and kinetic theory of gases. Sources of heat. Temperature; construction of a liquid in glass thermometer, fixed points, graduation; Centigrade and Fahrenheit scales. Expansion of solids, coefficient of linear expansion; expansion of liquids, anomalous expansion of water. Expansion of gases, Charles' Law, absolute temperature; the gas equation.

Heat quantity and its measurement in calories and B.T.U., specific heat, capacity for heat; calorimetry by method of mixtures. Change of state; fusion and solidification; effect of pressure on melting point; heat of fusion; freezing mixtures; vaporization, rate of evaporation, saturated vapour, boiling, effect of pressure change (including altitude); heat of vaporization of water; cooling by evaporation. Condensation of water in the air; dew point; relative humidity, wet and dry bulb hygrometer, humidity and health; atmospheric phenomena—fog, clouds, dew, frost, rain, snow, hail.

Mechanical equivalent of heat; steam engine.

Conduction of heat, solids, liquids, and gases; convection currents in fluids, winds; radiant heat, emission and absorption; heating of buildings, ventilation; refrigeration.

Magnetism

Natural and manufactured magnets; polarity, attraction and repulsion. Magnetic induction, magnetic field. Molecular theory of magnetism. The earth as a magnet; compass, declination, dip.

Static Electricity

Electrification by friction, attraction and repulsion, two kinds of electrification; conductors and insulators; electrons; gold leaf electroscope. Electrification by contact and by induction; testing charge on a body; induced charge equal to inducing charge; charges by friction equal and opposite; charges reside on outside of empty hollow conductor. Action of points, lightning rods. Potential, capacity, condensers, Leyden jars.

Current Electricity

Magnetization of steel by discharge of Leyden jars.

Voltaic cell, electric circuit, series and parallel arrangements. The magnetic, chemical, and thermal effects of a current; Oersted's experiment, magnetic field due to a straight wire, circular wire, and helix; polarity. Action of one current on another, Ampère's Laws, tangent and moving coil galvanometers. Electromagnet. Electric bell and telegraph. Electrolysis of water, laws of electrolysis, coulomb, measurement of current; electroplating. Voltaic cell, chemical action, electromotive force, polarization, local action. Leclanché and dry cells. Storage cells, lead accumulator. Heat developed by current; electric iron, fuses, incandescent lamp and arc light. Ohm's Law; practical units, ampere, volt, ohm; fall of potential in circuit, method of substitution for measuring resistance.

Law of dependence of resistance on length and cross-section of cylinder. Work done in a circuit, rate of working in circuit and in lamp. Ammeters and voltmeters.

Electromagnetic induction; Faraday's experiments. Induction coil. Dynamo, armature, field magnets, commutator for D.C. electric motor, transformer, telephone.

SPANISH

Two examination papers.

One paper will contain questions on grammar, and sentences to be translated from English into Spanish.

The second paper will contain questions on the set text, including translation and comments on the grammar and contents. It will also contain the translation into English of an unseen Spanish passage, and the translation into Spanish of an unseen English passage.

Text prescribed—1959: John W. Crow, *Spanish American Life* (Holt); 1960: Crow and Crow, *Panorama de las Américas* (Holt).

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, in certain circumstances, the equivalent of Junior or Senior Matriculation standing for admission to the Faculty of Arts and Science, or the Faculty of Engineering, or other faculties and schools.

Admission to the various faculties is based upon standards set from time to time by each faculty. The Admissions Committees require generally that:

(1) The certificate has been obtained under no easier conditions than those of McGill Matriculation,

(2) The subjects of the examination and the school course followed are those the University requires,

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without having obtained an official acceptance of their application.

The following certificates will be considered *on their merits* towards meeting the University requirements for the equivalent of Junior Matriculation. It should be particularly noted that possession of a certificate which is listed does not guarantee acceptance.

Candidates for admission offering certificates which are not a full equivalent may be required to pass one or more McGill papers.

PROVINCE OF QUEBEC

The High School Leaving Certificate
The Catholic High School Leaving Certificate

PROVINCE OF ONTARIO

Ontario Secondary School Graduation Diploma with four options

PROVINCE OF NEW BRUNSWICK

Junior Matriculation

PROVINCE OF NOVA SCOTIA

Grade XI Certificate

PROVINCE OF PRINCE EDWARD ISLAND

Second Year Certificate of Prince of Wales College

PROVINCE OF BRITISH COLUMBIA

Junior Matriculation

PROVINCE OF MANITOBA

Grade XI Certificate

PROVINCES OF ALBERTA AND SASKATCHEWAN

Grade XI

NEWFOUNDLAND

Grade XI Certificate

GREAT BRITAIN

In the General Certificate of Education, passes at the ordinary level in five subjects (other than Religious Knowledge) will be the normal standard for admission. The various faculties specify which subjects must have been passed.

UNITED STATES

1. McGill University recognizes the examinations conducted by the College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey. All candidates from the United States must write these tests.

2. Applicants for admission should preferably write the January or the March tests, taking the Scholastic Aptitude Test and three Achievement Tests. The Achievement Tests should be chosen in consultation with the applicant's school Principal. Further particulars are obtainable from the Registrar's Office.

3. In addition, applicants must submit their complete High School record and should arrange for a confidential letter from the school Principal or other competent officer to be mailed directly to the University.

MISCELLANEOUS

Other certificates, such as those issued by universities or recognized public Examining Boards, will be judged on their merits and accepted insofar as they meet the entrance requirements.

Senior School Certificate

REQUIREMENTS FOR THE CERTIFICATE

To obtain the Senior School Certificate the candidate must pass in English Literature and English Composition and in at least three of the following subjects:

Accountancy	Greek
Art	History
Biology	Latin
Chemistry	Mathematics
French	Music
Geography	Spanish
German	Physics

To satisfy the examiners in a language the candidate must pass in each of the two papers in this language.

To satisfy the examiners in Mathematics the candidate must write and pass at least two of the three papers offered in this subject.

PASS MARK

The pass mark in each paper is fifty per cent.

CLASSES OF CERTIFICATE

Successful candidates are awarded a Senior School Certificate of the first, second, or third class.

To obtain a first or second class certificate a candidate must complete the examination in not more than two attempts within a period of sixteen months and may write a part of the examination at each attempt. The marks obtained in his first attempt will always be counted towards a third class certificate, but will not be counted towards a first or second class certificate if he fails in more than one paper. To obtain a first or second class certificate such a student must rewrite the whole examination, and the certificate will be awarded solely on the marks obtained at the second attempt.

An average of 80% or over in all the papers required for the certificate entitles the candidate who has complied with the previous regulation to a first class certificate.

An average of 70% or over obtained under the same conditions, entitles a candidate to a second class certificate. Other successful candidates receive a third class certificate.

DISTINCTION

Candidates who obtain 80% or over in any subject are given distinction in this subject. Distinction is not given in *single* papers of Mathematics or the languages (including English).

UNIVERSITY ENTRANCE REQUIREMENTS (SENIOR MATRICULATION)

Under certain conditions, a candidate may qualify for admission into the Second year of the Faculty of Arts and Science or the Faculty of Engineering by writing and passing the required papers of the Senior School Certificate Examination.

FACULTY OF ARTS AND SCIENCE

A candidate may be considered for admission to the second year of the Faculty of Arts and Science if he has passed in the appropriate ten papers of the McGill Junior School Certificate Examination, or their recognized equivalents, and if he has passed within a period of sixteen months in the papers of the McGill Senior School Certificate Examination, or their recognized equivalents, with an average of at least 70% on the examination as a whole. Special consideration may, however, be given to candidates who have received an average of 65 to 70% if they have obtained high standing in all such subjects as they have taken in the examination which are appropriate to the degree course which they wish to enter. These are: *in Arts*—English, Languages, History; *in Science*—Mathematics, Physics, Chemistry, Biological Science; *in Commerce*—English, History, Mathematics.

Only in exceptional circumstances may a student who has not qualified for entrance to the first year through Junior Matriculation be admitted to the Second year by Senior Matriculation alone.

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.A. DEGREE

English
Latin or Greek
Mathematics (*see following paragraph and also footnote on page 534*)

Any two of the following:—

1. History
2. Latin *or* Greek (the one not already chosen)
3. French
4. German
5. Spanish
6. Science (Physics *or* Chemistry *or* Biology)
7. Music
8. Geography

Candidates for admission to the University in the Second year of the B.A. course may offer, in place of Mathematics, another Senior Matriculation subject in which they have shown marked proficiency and which is in accordance with the trend of the studies which they are preparing to pursue. In general, however, students are advised to offer Mathematics. It is a pre-requisite to all advanced courses in the Science division and must be taken if either Physics or Chemistry is included in the Senior Matriculation programme. It is also a required subject for students who intend to take courses in the Social Sciences, excluding History and Political Science. For this reason, unless a student intends to honour in one of the Humanities (English, Languages, Philosophy) or in Political Science or in History, Mathematics is obligatory. In any case, no student will be permitted to offer another subject in place of Mathematics unless he or she has passed in the Elementary Mathematics of the Junior School Certificate, or their equivalent, and has achieved at least 75% in the Junior School Certificate examinations in History, or a Modern Language, or Classics. Only a subject in which this 75% is obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, candidates are expected to choose History as their substitute.

Candidates who wish to enter the Faculty of Medicine at the end of the B.A. course must take Mathematics.

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.Sc. DEGREE

English
Mathematics*

*Two papers: one in Algebra and one in Trigonometry. Candidates who have passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry. The paper in Co-ordinate Geometry, written in addition to the other two, if necessary, is strongly recommended for candidates who intend to study for Honours in Mathematics, Physics, or Chemistry.

Physics

Chemistry

French *or* German* *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.Com. DEGREE

English

Mathematics**

Accountancy***

A modern foreign language

History *or* a second foreign language *or* a Science (including Geography)

FACULTY OF ENGINEERING

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.Eng. AND B.Arch. DEGREES

English

Mathematics (all three papers are required)

Physics

Chemistry

French *or* German* *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography.

---

*A candidate who has passed the two papers in Junior French may satisfy the Senior B.Sc. or B.Eng. German requirements by passing the Junior examination in German.

**Algebra and Trigonometry. However, a candidate who has passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry.

***Applications of students who have substituted another subject for Accountancy may be considered if their standing is high enough.

PRESCRIPTION OF WORK IN EACH SUBJECT

For the examinations in June and August 1959

In all papers marks will be deducted for errors in spelling and grammar.

ACCOUNTANCY

One examination paper.

Double-entry Book-keeping, including all subsidiary books and ledgers, up to and including the use of Control, Total, or Balancing Accounts; closing off of ledgers; preparation of Trading and Profit and Loss Statements and Balance Sheets

Books specially required:

Cash-Book suitable for an office where all cash and cheques received are banked daily, all payments above a certain amount are made by cheque, and all lesser payments through petty cash. Cashier to be able to show the balance in the bank at any time at very short notice.

Cash-Book suitable for an office where sums of cash are kept in the office, in addition to petty cash, and deposits in bank do not include whole of receipts. Cashier to be able to show balances of cash, etc., in office and in bank at any time, and at very short notice.

Departmental Sales and Purchases Journals for recording transactions in different classes of goods.

General Journal ruled so as to segregate items according to ledgers into which they are to be posted, in order that totals may be posted to control accounts.

Other matters specially required:

Bills and Notes Payable Registers.
Imprest System of Petty Cash.
Reserve for Bad Debts, Discounts, and Depreciation.
Inward and Outward Consignments.
Inward and Outward Freight on Merchandise purchased and sold
Accrued Expenses and Deferred Charges.
Single Entry Book-keeping.
Use of Working Sheets.

Candidates may be required to define and explain such terms as the following:

Invoices; I.O.U.'s; promissory notes; bills of exchange and parties thereto; acceptances, endorsements, etc.; cheques; bills drawn in a set, bills of lading; capital and revenue receipts and expenditure; current and fixed assets; capitalization.

Marking is arranged so as to prevent any candidate obtaining a pass unless he has shown that he has a sound knowledge of what is outlined in the first paragraph. No candidate is passed who does not show that he understands Control Accounts and their uses. For this purpose subsidiary ledgers and their control accounts in the General Ledger must be shown in full; in addition, the books of original entry must be so ruled and organized that they will produce the required figures no matter how large may be the quantity of items dealt with.

ART

No examination paper.

Students applying for Senior School Certificate standing in Art must present a portfolio of original work. The portfolio must be accompanied by a statement signed by the student and another signed by the art teacher or the school principal, certifying that the work contained in the portfolio is original work of the student not corrected by any other hand.

The portfolio should be sent to the Registrar's Office before May 15th and should contain:

A. Ten studies from life, of which at least five must be of the nude human figure. The remainder may be of the nude model, of the draped human model, or of animals. At least five of the above studies must be in charcoal, the remainder in any graphic or painting medium.

Candidates should bear in mind that what is required is not so much proficiency of performance as evidence of understanding of form and structure.

B. Five sketches for compositions, either in black and white or in colour. They may be with or without a representational subject; in either case they should stress the elements of design.

C. Five other examples of their work: these may include drawings, paintings (of any subject in any medium); applied designs (posters, textile designs, etc.).

The dimensions of the work listed above must be not less than 16 x 20 inches. Candidates would do well to add to their portfolios a sketch book or a group of quick sketches.

BIOLOGY

One examination paper.

The botanical part of this syllabus is the same as for Junior School Certificate Botany (p. 516) with the following modifications:—

(a) further knowledge of the ecological interrelation of plants and animals is required.

(b) knowledge of the characteristics of particular families of flowering plants is *not* required.

In order to fulfil the requirements of the syllabus satisfactorily, pupils must undertake individually the dissection of animals, section-cutting of plant tissues, microscopic examination of small organisms and tissues, and simple physiological experiments.

A more intensive study of the Junior School Certificate syllabus is expected, with extension along the following lines:

I. The structure, life-history, principles of classification, and evolutionary relationships of the following, based on practical study:

Plants:

Thallophyta:	Algae—Oscillatoria, Protococcus, Spirogyra, Oedogonium, Fucus or Laminaria,
	Fungi—Bacteria, Yeast, Mould, Mushroom, other Fungi including at least one parasitic form.
	Lichens—general.
Bryophyta:	A Liverwort, a Moss.
Pteridophyta:	A Fern, Equisetum, Selaginella.
Spermatophyta:	Gymnosperms—one Conifer type and general characters of other local species.
	Angiosperms —a Monocotyledon; Dicotyledons—herbaceous and tree types. General structure of flower, fruit, and seed. Comparison with homologous structures of preceding types.

Leading characters of the groups listed above. Trends in the evolution of a many celled body and of sexual reproduction as illustrated by the algal types, and of alternation of generations and adaptation to land life as displayed by the higher forms.

Animals:

Protozoa—Amoeba, Euglena, Paramoecium, Plasmodium.

Cœlenterata—Hydra, Obelia.

Platyhelminthes—Fasciola, Taenia.

Annelida—Lumbricus, external characters of a Polychaete.

Arthropoda—Crayfish, Grasshopper.

Mollusca—Clam or Snail.

Cephalochorda—Amphioxus.

Pisces—Dogfish.

Amphibia—Frog.

Mammalia—Rabbit or Rat, skull of Dog or Cat.

Comparison of the various organ-systems in the animals listed.

Asexual and sexual reproduction. Alternation of generations.

Elements of vertebrate embryology as found in the developing Frog and in the Chick (up to end of third day of incubation), to be studied practically.

II. Physiology: structure in relation to function.

Plants—Microscopic structure of a typical leaf, root, herbaceous stem, and woody stem studied in relation to the functions of the organ and its parts.

A fuller knowledge of the principal physiological processes as outlined in the Junior Syllabus. This should be based on simple experiments carried out by the student, which he may be asked to describe.

Animals—The chief physiological processes, as outlined in the Junior Syllabus, should be studied more fully and comparatively in all the types listed in Section I.

Tissues and organs and their functions as observed in Vertebrates.

Respiratory pigments. Vitamines, Hormones. Commensalism. Parasitism.

III. Field Natural History and Ecology.

This should be extended beyond the Junior Syllabus to include study of several biotic communities of the neighbourhood, with some knowledge of the dominant plants and animals in each and their relation to one another and to the physical environment.

Life zones and living natural resources of Canada.

IV. Heredity and Evolution.

The main principles of heredity and variation among plants and animals.

Cytological basis of heredity.

Evidences of organic evolution.

CHEMISTRY

One examination paper.

A general survey of Inorganic Chemistry including the Kinetic and Atomic Theories, molecular, atomic, and equivalent weights, the theory of ionization with elementary examples of ionic equilibrium, rates of chemical reaction and the law of mass action, oxidation and reduction, the electromotive series of the metals, the periodic law, the electronic theory of valence, and the preparation and properties of the more important elements and their compounds.

This is to be accompanied by descriptive and quantitative experiments including volumetric analyses, illustrative of the important principles and theories.

The student's notebook, setting forth his own laboratory work (together with any problems or exercises carried out in connection with the laboratory work), certified by the Instructor and the Principal of the School, must be forwarded to the Registrar for the examiner's evaluation *before the date of the written examination.*

ENGLISH

Two examination papers: one on English Literature and one on English Composition.

COMPOSITION

The examination will be designed mainly to test the candidate's ability to write English. He will be expected to have acquired a fairly clear and accurate style, to be able to arrange material in an effective fashion, and to show discrimination in the choice of words. He may be asked to write a précis to demonstrate his ability to extract the essential meaning of a given passage. In preparation for the examination it is suggested that students be required to write mainly on simple, expository subjects that are within the range of their actual experience.

LITERATURE

1. Shakespeare—1959 Either *Othello* or *The Tempest.*
   1960 Either *Antony and Cleopatra* or *The Winter's Tale.*
   1961 Either *King Lear* or *Cymbeline.*
   No particular edition of the above is prescribed.

2. Milton— 1959 *Paradise Lost, Books I and II,* and *Book III lines 1-55.*
   1960 *Samson Agonistes.*
   1961 *L'Allegro, Il Penseroso, Comus, Lycidas, the sonnets included in Century Readings.**

3. One Poet of the Nineteenth Century—
   1959 Byron.
   1960 Keats.
   1961 Wordsworth.
   No particular edition of the above is prescribed.

Candidates are not required to study the complete works of these authors. Teachers are recommended to make their own selection so as to give their students an understanding of the relevant poet's best and most characteristic work.

4. The following texts from *Century Readings*:*

(a) Poetry:

Chaucer, *Prologue to the Canterbury Tales.*
All the Ballads included in the volume.
Spenser, *The Faerie Queene, Book I, Canto 1.*
All the lyrics by Campion, Herrick, Herbert, and Vaughan included in the volume.
Dryden, *Alexander's Feast* and *Absalom and Achitophel.*
Pope, *The Rape of the Lock.*
All the poems by Gray and Goldsmith included in the volume.
Wordsworth, *The Solitary Reaper, Ode to Duty, Character of the Happy Warrier, Ode, Tintern Abbey,* several sonnets.
Burns, *Tam O'Shanter, The Cottar's Saturday Night.*
Coleridge, *Kubla Khan, The Rime of the Ancient Mariner.*
Shelley, *Ode to the West Wind.*
Byron, *Don Juan, Canto iii.*
Keats, *Eve of St. Agnes, Ode on a Grecian Urn, To Autumn, La Belle Dame Sans Merci.*
Tennyson, *Locksley Hall,* selections from *In Memoriam* and *Morte d'Arthur.*

**Century Readings in English Literature,* edited by Cunliffe, Pyre, and Young.

Browning, *Abt Vogler, My Last Duchess, Andrea del Sarto, Memorabilia, De Gustibus.*
Arnold, *Rugby Chapel.*

(b) Prose:

Malory, *Morte d'Arthur: Preface by Caxton, and first five chapters of Book 21.*
Bacon, *Of Truth*, and *Of Studies.*
Walton, *Compleat Angler, Chapter IV.*
Bunyan, *Pilgrim's Progress*, the extract included in the volume.
Defoe, *The Education of Women.*
Swift, *A Modest Proposal.*
Steele, *Sir Roger in Love.*
Addison, *Sir Roger at the Assizes, Party Patches*, and *Westminster Abbey.*
Johnson, *Letter to the Earl of Chesterfield.*
Newman, *The Idea of a University, Discourse VI.*

5. Poems by any or all of the following, selected at the discretion of the candidate from any available editions:
Housman, Davies, Hardy, Yeats, Auden, Spender, Eliot.

6. Any five items selected from the *Pocket Book of Short Stories.*

7. E. M. Forster, *A Passage to India.*

8. J. M. Synge, *Riders to the Sea.*

FRENCH

Two examination papers: one on Texts and Grammar and one on Composition and Sight Translation.

Texts:

For critical study:

1959—Beaumarchais, *Le Mariage de Figaro* (Petits Classiques Larousse); Mauriac, *Les Chemins de la Mer* (Keating and Swain) (Heath); Mérimée, *Carmen et Autres Nouvelles* (Ed. Blondheim) (Heath); Balzac, *Eugénie Grandet* (Ed. Speirs) (Heath).

1960—Beaumarchais, *Le Mariage de Figaro* (Petits Classiques Larousse); Mauriac, *Les Chemins de la Mer* (Keating and Swain) (Heath); Merimée, *Carmen et Autres Nouvelles* (Ed. Blondheim) (Heath); Bart, *La France carrefour des civilisations* (Harcourt Brace).

Suggested Grammar:

Sonet and Shortliff, *Review of Standard French* (Harcourt Brace).

Translation at Sight from English into French and from French into English.

**Oral Examination:* An oral examination is held in centres where this is possible, and students intending to study French at the University are strongly advised to take this examination. The oral examination is given in *addition* to the two papers. Success in the oral examination is recorded on the candidate's certificate. A candidate who fails in the oral examination does not thereby prejudice his chances of obtaining a certificate, but is treated exactly as though he had not attempted the oral test.

GEOGRAPHY

It is presumed that candidates taking this examination will have mastered the elements of geography as outlined in the syllabus for the Junior Examination.

A. *Local Geography* (one quarter of the course)

An intensive study of the candidate's home locality, especially of the distribution of population and economic activities in relation to the main physical features and climate of the region. This study should be based on actual excursions and a detailed examination of the appropriate large scale maps (published by the Hydrographic and Map Service Branch of the Department of Mines and Resources).

B. *Regional Geography* (three quarters of the course)

A detailed study of the Americas (North, Central, and South) and Europe, including the U.S.S.R. The general lines of the course should follow the directive laid down in the Junior Examination syllabus, but greater attention should be given to the following matters:

(i) The geological structure of the countries concerned, and the effect of this structure on the scenery and natural resources.

(ii) The part played by the countries of Europe in the history of exploration and the development of maritime trade.

(iii) The characteristic settlement types and distribution of population in the various countries, and the ways in which these are changing.

---

*Candidates who wish to take the examination in Oral French at a centre outside Montreal must send in the special early notification mentioned in the footnote on page 506.

GERMAN

(*See footnote on page 535 concerning the Senior B.Sc. or B.Eng. German requirements in special cases.*)

Two examination papers: one on prescribed texts and one on translation of unseen passages from German into English and from English into German.

Texts: Th. Storm, Immensee (Morgan-Wooley-Heath); G. Keller, Kleicher Machen Leute (Heath); Viebig, Der Gefangene (Crofts).

Translation at Sight from German into English and from English into German

GREEK

Two examination papers: one on prescribed texts and grammar, the other on composition and sight translation.

Texts: Homer, Iliad XXII (Pitt Press Series, Camb. Univ. Press); Lysias, pp. 30-92, in Shuckburgh's Lysias, Orationes (Macmillan).

N.B.—Although the above editions are suggested, others may be used.

HISTORY

One examination paper.

General History of Europe from the break-up of the Roman Empire to 1600.

In preparing for the History papers a rigid adherence to any one author or to any one book is undesirable. A guide to Reading containing references and suggestions for teachers and students who are preparing for this History paper may be obtained from the Registrar's Office.

LATIN

Two examination papers: one on prescribed texts and grammar, the other on composition and sight translation.

Text: A. Petrie, *A Latin Reader* (Oxford University Press)

Caesar X.
Cicero XIII, XV, XXXVI, XL, XLIII, XLIV.
Sallust XLVI.
Livy L, LI.
Pliny LXVI, LXIX.
Catullus LXXIII, LXXIV.
Virgil LXXXVII, XC, XCII, CI.
Horace CIX, CX, CXI, CXIV.
Ovid CXXIV, CXXV, CXXXI, CXXXVII

MATHEMATICS

Four figure mathematical tables will be provided.

ALGEBRA

One examination paper.

Arithmetic, geometric, and harmonic progressions, variation, permutations and combinations, binomial theorem, logarithms, number system, theory of quadratic equations, functional notation, graphical representation, miscellaneous series such as the sum of the squares and of the cubes of the natural numbers with easy deductions therefrom, as in Intermediate Algebra by H. Tate, published by Sir Isaac Pitman and Sons, Toronto, or as in similar textbooks.

CO-ORDINATE GEOMETRY

One examination paper.

The elements of the coordinate geometry of the straight line and circle as in A New Analytic Geometry by J. E. Durrant and H. R. Kingston, published by the Macmillan Co. of Canada, pp. 1-153 inclusive, and pp. 292-296, or as in similar textbooks.

TRIGONOMETRY

One examination paper.

Measurement of angles, radian measure, trigonometrical ratios or functions of one angle, of two angles, and of a multiple angle, relations between the sides and angles of a triangle, solution of triangles using logarithms, easy problems on heights and distances, general values and inverse functions, limits and approximations, as in Elementary Trigonometry by H. S. Hall and S. R. Knight, adapted for use in Canadian Schools, 1940 edition, published by the Macmillan Co. of Canada, Chapters I-XIII, XVII, XVIII and pp. 204-205, or as in similar textbooks.

MUSIC

Two written examination papers: one on Advanced Rudiments and Harmony, and one on Form and Analysis and History. In addition there will be a short practical examination on Aural Training.

(a) HARMONY

Scales; intervals; transposition of melodies; use of C clefs; barring of certain passages and determining their keys; analysis of chords; chords up to the Dominant 7th and Augmented 6th. This course leads gradually

to the writing of simple harmony in 3 or 4 parts. The work covered is that required for the Grade 10 Theoretical Examination of the Local Centre Examinations. (See the Announcement of the Faculty of Music.)

Textbooks: MacPherson, Rudiments of Music; Kitson, Elementary Harmony—Part I.

(b) FORM AND ANALYSIS

Phrase, sentence, sequence, cadence, accent, rhythm, time, melody, modulation. Early Dance Forms. Suites—with special consideration of the Minuet and Trio.

Textbooks: MacPherson, Form in Music; MacPherson, Studies in Phrasing and Form; R. O. Morris, Structure of Music.

(c) HISTORY

Musical origins, Hebrew and Greek influence on early Christian music; the rise of music in two or more parts; secular music; English, Flemish, and Italian composers; the Renaissance; instrumental music (lute, virginal, viol, etc.); opera; beginnings of the orchestra. Bach and Handel; C. P. E. Bach and sonata form; Haydn; Mozart. The Romantic Movement; nationalism in music; modern music.

Textbook: Stanford and Forsyth, A History of Music; Hadow, Music.

(d) AURAL TRAINING

Development of a mental appreciation of scale degrees; recognition of intervals and simple rhythms; easy dictation; sight reading; listening—to develop quickness of ear, memory, and natural accuracy; quality of tone.

PHYSICS

One examination paper: It will be set upon a general knowledge of the more important principles of elementary physics, the scope being that of Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath), or of any equivalent text books.

Laboratory Work: Experiments should be performed equivalent to those outlined in *An Elementary College Course in Experimental Physics* (Renouf). The student's notebook setting forth his own laboratory work, certified by the instructor and by the principal of the school, must be forwarded *before the examination* to the Registrar for inspection.

SPANISH

Two examination papers: These will be set as for the Junior School Certificate, but the examination will be of a more advanced character, and will include a short free composition.

Prescribed texts:—1959: Baroja, *Zalacain el aventurero* (Heath & Co.); A. Palacio Valdés, *A cara o cruz* (Macmillan).

1960: Baroja, *Zalacain el aventurero* (Heath), Pérez Galdós, *Gloria* (Appleton-Century-Crofts).

CERTIFICATES RECOGNIZED

The following certificates will be considered on their merits towards meeting the University requirements for the equivalent of Senior Matriculation.

PROVINCE OF QUEBEC
Senior High School Leaving Certificate
Senior Catholic High School Leaving Certificate

PROVINCE OF ONTARIO
Grade XIII Certificate

PROVINCE OF NOVA SCOTIA
Grade XII Certificate

PROVINCE OF PRINCE EDWARD ISLAND
Third Year Certificate of Prince of Wales College

PROVINCE OF MANITOBA
Grade XII Certificate

PROVINCES OF ALBERTA AND SASKATCHEWAN
Grade XII Certificate

PROVINCE OF BRITISH COLUMBIA
Senior Matriculation Certificate

GREAT BRITAIN
In the General Certificate, passes in five subjects at Ordinary level and, in addition, in two appropriate subjects at Advanced level.

In addition, pupils of recognized British Public and Secondary Schools who have obtained the General Certificate of Education with the requisite standing as recognized for Junior Matriculation may be admitted to the Second Year without further examination, if they have satisfactorily completed at school a further year's work in the subjects of the McGill Senior School Certificate, and if they are specially recommended by their headmasters or headmistresses.

McGill University



Montreal

Scholarships, Bursaries, Prizes, and Medals

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
Institute of Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture and School of Household Science
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. For limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

TABLE OF CONTENTS

PAGE

University Scholars 605-607
Holders of J. W. McConnell Memorial Scholarships 607
Holders of Morris W. Wilson Memorial Scholarships 607

I. General Statement 608

II. Entrance Scholarships and Bursaries 610
A. University Entrance Scholarships and Bursaries 610
B. Other Entrance Scholarships and Bursaries 612

III. Scholarships, Bursaries, Loan Funds, and Prizes in the various Faculties of the University 622
A. Open to students in all Faculties 622
B. Open to students in the Faculty of Arts and Science 632
C. Open to students in the Royal Victoria College 642
D. Open to students in the School of Commerce 646
E. Open to students in the Faculty of Engineering (including Architecture) 648
F. Open to students in the Faculty of Medicine 660
G. Open to students in the Faculty of Dentistry 665
H. Open to students in the Faculty of Law 667
I. Open to students in the Faculty of Music 670
J. Open to students in the Faculty of Divinity 671
K. Open to students in Macdonald College 672
L. Open to students in the Institute of Education 678

IV. Graduate Fellowships and Scholarships 684

A. Fellowships and Scholarships tenable at McGill University only 685
Open to graduates in several Faculties 685
Open to graduates in Agriculture 690
Open to graduates in Arts and Science 690
Open to graduates in Divinity 692
Open to graduates in Engineering 692
Open to graduates in Medicine 693

B. Fellowships and Scholarships tenable at McGill University or elsewhere 694
Open to graduates in several Faculties 694
Open to graduates in Arts and Science 696
Open to graduates in Law 697
Open to graduates in Medicine 697

PAGE

C. Fellowships and Scholarships tenable at other Universities only ... 698
Open to graduates in several Faculties ... 698
Open to graduates in Architecture ... 703
Open to graduates in Arts and Science ... 703
Open to graduates in Engineering ... 704
Open to graduates in Law ... 705
Open to graduates in Medicine ... 705
Fellowships offered by other Universities ... 705

D. Fellowships and Scholarships open to Graduates of other institutions for study at McGill University ... 706

V. Scholarships, Prizes, and Medals in various Schools of the University ... 708
Open to students in the Library School ... 708
Open to students in the French Summer School ... 709
Open to students in the School for Graduate Nurses ... 709
Open to students in the School of Physical and Occupational Therapy ... 711
Open to students in the School of Social Work ... 711

VI. Medals and Prizes in the Department of Athletics, Physical Education, and Recreation ... 712

VII. Index of Awards ... 714

UNIVERSITY SCHOLARS 1957-58

ARTS AND SCIENCE

Henry Auster
Paul O. Baatz
Maria Bartok
Richard D. Barton
Douglas S. Beder
James W. Boake
Geraldine O. Carey
Virginia L. Carter
Pang Ling Chan
Barry F. Clark
Gerald A. Cohen
Paul B. Cohen
Sidney Cooperstein
Gilles J. J. Couture
Donald A. Dawson
Eva Deutsch
Diana J. Doel
Deborah Eibel
Allen E. Feldman
George E. Fisk
David A. Freedman
Sandra J. Freedman
Allan Fried
Jobst H. Frohberg
Albert W. Fulton
Hyman Goldberg
Sydney G. Goldwater
Stephen I. Goodman
Abraham A. Hartman
Holway C. Higgins
Alan J. Hirsh
Jacques Hochglaube
Annette I. Hodgson
Isadore Horowitz
Yigal S. Horowitz
Carol Huberman
Marian E. Jacobsen
Anita D. Janco
Boen Heng Khouw
Harry Chi Sing Lam
Saul Levine
Rae S. MacCulloch
Morven McIlquham
Katherine E. McKellar
David M. Magder
Mortimer Mamelak
Roman Mangel
Oleh H. Maryniak
David Mayerovitch
Lorne M. Mendell
Rebekah Z. Mendelson
Daniel N. Mettarlin
Irwin Miller
Jack M. Miller
Stanley P. Morris
Sandra Muller
Taketo Murata
Martin M. Nathanson
Graham Nesbitt
Peter Kit Fing Ng
Lawrence H. Officer
David L. Portigal
Patricia A. Powers
Alexander Rabinovitch
Martin C. Raff
Harriet Reich
Eric Rennert
Lazer Resnick
Ralph Roskies
E. G. Peter Rowe
Gretchen Schabtach
Stephen A. Scott
Isidore Shanfield
Alexander Shapiro
Elizabeth Shaw
David J. Signer
Stephen D. Silver
Melvin Silverman
David C. Smith
Peter W. Smith

Stuart L. Smith
Nahum Spinner
Alan M. Stein
Michael B. Stein
William P. Taylor
Helene L. Turgeon
Janet E. Turnbull
George P. Van
David A. Williams
Henry Zemel

ENGINEERING

Dan I. Abramovitch
Anthony Amos
Arnold Auerbach
Leonidas Baltas
Pierre R. Belanger
Elizabeth M. Berg
*John Bjordammen
Samuel R. Borenstein
Robert C. Brereton
Leon Bronstein
Robert Brunet
William N. Caldwell
Douglas C. Campbell
Rene E. Cardinal
Robert K. Carnegie
Morris Charney
Wellington P. Chen
Yung Leonard Chow
Peter O. Clark
Gerald F. Dionne
Morris Dorenfeld
John T. Dunn
Paul Fiskus
Tobias Ghilcig
Albert J. Gillies
Peter M. Haley
C. Denis Hall
Andrew G. Halmay
William B. Horwood
Barry A. Howarth
Norman R. Jones
Peteris Kazaks
Ronald D. Kennedy
Kalman I. Krakow
Danny C. Krupka
Avrum Lapin
Raymond W. Latham
Kwok Ize Leung
Jan Liiva
Donald H. McKay
Donald L. MacLeod
John A. McNicoll
E. Keith Marchildon
Donald G. Mathewson
Jean R. Menard
Paul Mermelstein
Gordon E. Merritt
Joseph A. Michaud
Catalin D. Mitescu
Earl L. Morris
Robert W. Morrison
Edward Muszynski
Peeter Onno
H. Aylmer Parsons
Sidney Pasoff
David N. Pickersgill
John M. Roland
F. Norman Rolfe
Charles Roth
Howard S. Rothman
Stuart B. Savage
Jerry Segal
Arnold Shykofsky
Edward A. Silver
Druce A. Sinson
Gordon W. Smith
Stuart D. Smith
Irving Spinner
David A. Talbot
J. Sheldon Therou
Emilio Venezian
Giulio V. Venezian
Michael B. Walker
William I. Walker

*James Eccles Scholar.

JOHN R. WEARING
MARCEL WEIN
MICHAEL WERLEMAN
BERNARD ZEIGLER

MEDICINE

EAMON H. ACHONG
BRUNO BRAUNROT
GERALD BURKE
THOMAS J. CRAIG
PHILIP GOLD
RHONA KELLER
MORTIMER LEVY
ELLSWORTH LITTLER
DARIO LORENZETTI
KENNETH MARSHALL
JACK MENDELSON
MELVIN MONTH
ALLAN P. NAIMARK
EMMA F. OTTOLENGHI
LEONARD PINSKY
**DAVID M. QUASTEL
PERRY ROSENTHAL
JACK M. TISHLER
BRYCE K. A. WEIR

DENTISTRY

WILLIAM B. ZIMAKAS

LAW

JEAN LOUIS BAUDOUIN
YVES FORTIER
DONALD J. JOHNSTON

SCHOOL FOR GRADUATE NURSES

MARGARET E. CAMPBELL
DOROTHY ROWLES

MACDONALD COLLEGE

THEUNIS LIMONARD

HOLDERS OF J. W. McCONNELL MEMORIAL SCHOLARSHIPS 1957-58

GERALDINE O. CAREY
ALBERT W. FULTON
COLETTE L. GOSSELIN
BARBARA J. HACKETT
LESLIE O. MALCOVITCH
PEETER ONNO
PATRICIA A. POWERS
ESTELLE SCHECTER
WARREN F. STECK
DOROTHY M. TURNBULL
MARTHA WATANABE
R. JOHN WRAY

HOLDERS OF MORRIS W. WILSON MEMORIAL SCHOLARSHIPS 1957-58

RONALD W. K. JONES
GERALDINE A. McMICHAEL
SANDRA J. MOORE
NEIL S. OAKEY
GRACE H. WATANABE

**Frederick Smith Memorial Scholar.

Scholarships, Bursaries, Prizes, Medals, and Loan Funds

I. GENERAL STATEMENT

1. DEFINITION OF TERMS

At McGill University the terms *Fellowship*, *Scholarship*, and *Bursary* have, in general, the following meanings. Exceptions are noted in the paragraphs describing individual awards.

Fellowship.—A grant made for postgraduate study or research, and based only on ability. The holder of a fellowship at McGill does not bear the title "Fellow" except in certain special cases.

Scholarship.—An award made to undergraduates or graduates based on academic standing alone. Financial need usually has no bearing on the awarding of a scholarship, but it may influence the amount of money subsequently awarded. Holders of University Scholarships (see below) are given the title "University Scholar". Holders of other scholarships do not receive any special title.

Bursary.—A grant made to a needy student who has reasonably good academic standing. Bursaries are not given to students with financial resources adequate to maintain them at the University. Normally, a bursary entails duties to be performed for the University. The size of a bursary usually varies with the need of the student. The holder of a bursary has no special title.

2. GENERAL REGULATIONS

(1) Scholarships are awarded and bursaries and loans granted only to students taking a regular course leading to a degree or diploma.

(2) Scholarships are awarded only if an adequate academic standard is attained.

(3) The annual income of scholarships and bursaries is usually paid in two instalments, one in October and one in January.

3. UNIVERSITY SCHOLARSHIPS

(1) Certain scholarships implying exceptionally high achievement have been designated "University Scholarships" by Senate.

(2) The winner of a University Scholarship receives the title and status of a "University Scholar".

(3) The minimum value of a University Scholarship is $100 a year. For students living at home the maximum value of a University Scholarship is the tuition fee of the holder. Students who must live away from home in order to attend the University may receive an additional grant not exceeding $500. In each case the grant actually awarded will depend upon the financial needs of the winner.

(4) A University Scholarship is renewable annually provided that in the opinion of the University Scholarships Committee the holder maintains a sufficiently high academic standing.

(5) No application is required.

4. BURSARIES

(1) Bursaries are grants in aid of students of good academic standing who need such assistance to enter the University or to complete their course.

(2) The amount of a bursary varies with the need established.

(3) A bursary is renewable upon application and is tenable normally until the student has qualified for his degree or diploma, subject always to the dual condition that the need for it continues and that the standing of the student satisfies the awarding committee.

(4) The holder of a scholarship may apply for an additional bursary.

(5) Bursaries are normally paid in two instalments: viz.: one in October and one in January.

(6) Holders of bursaries may be required to undertake a certain amount of work for the University in return for their bursaries. The maximum number of hours any bursary holder may be asked to give is three hours a week throughout the session, or one hour for each dollar of his bursary—whichever may be smaller. If a student is able to study while carrying out this bursary obligation as, for example, some library assistants can, the number of hours required may be doubled.

(7) Application forms may be obtained from the Registrar's Office.

5. LOANS

The University has a loan fund of strictly limited amount from which some assistance may be given to particularly deserving students under the following conditions:

(1) Loans are normally made only to students in upper years.

(2) Loans are made only to students of good academic standing who are specially recommended on personal grounds by the Deans of their Faculties.

(3) The loan, if granted, is made on the basis of an agreement between the applicant, or a sponsor of the applicant, and the University. The amount of the loan, the date, and the manner of its repayment, are made part of the agreement so that the debt may be fully discharged at the earliest possible date.

(4) An applicant for a loan should obtain an application form at the office of his Dean or the office of the Student Counsellor.

In addition, a new policy has been adopted of making loans available to suitable students who are entering the freshman or sophomore year.

6. INTERVIEWS

Awards and grants of money are made only after a personal interview unless this requirement is explicitly waived.

7. APPLICATIONS AND INQUIRIES

Unless otherwise stated below, applications and inquiries should in the first instance be made to the Registrar.

Applications for all entrance scholarships (see below), for University bursaries, and for the renewal of bursaries, should be made on forms which may be obtained from the Registrar's Office.

II. ENTRANCE SCHOLARSHIPS AND BURSARIES

A. UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES

1. UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES

The minimum value of a University Entrance Scholarship is $100 a year. For students living at home the maximum value of a University Entrance Scholarship is the tuition fee of the holder. Students who must live away from home in order to attend the University may receive an additional grant not exceeding $500. In each case the grant actually awarded will depend upon the financial needs of the winner. These awards are renewable annually provided that in the opinion of the University Scholarships Committee the holders maintain a sufficiently high academic standing.

Candidates for these awards are required to submit:

(*a*) their complete High School record.

(*b*) their marks or grades in any recognized matriculation or school-leaving examination.

(*c*) confidential letters from their school principals.

Applications must be made on forms which may be obtained from the Registrar's Office. These must be returned not later than 1st July. The school record and other supporting documents should be sent as soon as they are available. Applications for admission to McGill University should be sent in with the Scholarship Application Forms.

2. ELIGIBILITY

University Entrance Scholarships are open to secondary school pupils entering the First or Second year of any full-time degree course.

They are normally restricted to candidates from Canadian schools, but the University may, in exceptional cases, accept applications from other candidates.

Men and women are eligible on equal terms.

Applications will normally be accepted only from students who will be under the age of 20 on 1st October, 1959. In exceptional circumstances the University may waive this rule.

3. THE TITLE OF "SCHOLAR"

The winner of a University Entrance Scholarship is given the title of "Scholar." His name is printed as such in the Calendar and he has the status of a Scholar within the University.

After entering the University the winner of a University Scholarship is not required to study for honours, and may take the general course.

4. FINANCIAL NEED

The University may require the submission of evidence that the candidate needs the money award to further his educational interests. This evidence will normally include a statement from a parent or guardian. Whenever possible, moreover, the candidate will be interviewed. *Financial need will in no case affect the University's decision as to the winner of a University Entrance Scholarship, but it will influence the amount of the award.*

The amount of the award made to any Scholar will not be published.

In special cases the University may consider an application from the winner of a scholarship for additional assistance.

B. OTHER ENTRANCE SCHOLARSHIPS AND BURSARIES

Unless otherwise stated, applications for these scholarships must be made to the Registrar before 1st July.

Unless otherwise indicated, the word "Examination" is used below to denote the University School Certificate Examination, the Provincial High School Leaving Examination, the Catholic High School Leaving Examination, or any other standard examination recognized for entrance scholarships.

Applicants who have written examinations other than the McGill School Certificate Examination should send a certified copy of their examination marks to the Registrar's Office as soon as they are published.

J. W. MCCONNELL MEMORIAL SCHOLARSHIPS.—Created and endowed by Mr. J. W. McConnell of the Board of Governors as a memorial to the men and women of the University who gave their lives in the war of 1939-45. The Scholarships are open on equal terms to men and women from any part of Canada and are tenable in the Faculty of Arts and Science, or the Faculty of Engineering. Each scholarship covers the full tuition fee as well as the cost of board and residence in Douglas Hall or the Royal Victoria College for four years or the period necessary to enable the winner to obtain his degree, whichever is the shorter. The award is made by a Special Committee which takes into consideration the character and the financial circumstances of the applicant as well as the academic record. The holder will normally forfeit the scholarship if he fails to maintain an academic standing satisfactory to the Special Committee. Application forms may be obtained from the Registrar's Office and must be submitted by June 1st.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS.—Established by contributions from a large number of intimate friends and business associates of the late Morris W. Wilson as a memorial to a distinguished citizen who, among his many public activities, rendered distinguished service to the cause of education, and who, at the time of his death, occupied the office of Chancellor of McGill University. The creation of the fund marks the culmination of a hope long cherished by Mr. Wilson, that of supplying the means whereby young Canadian boys and girls of outstanding ability and promise, but in poor financial circumstances, might obtain the benefits of a university education. It is hoped that this fund may be the means of assisting many deserving young Canadians, particularly those from rural areas, to become better equipped to perform

the duties of citizenship and so more effectively to apply their abilities to the general development and welfare of their country.

These Scholarships are open on equal terms to men and women of Canadian parentage, now resident in Canada, and are open only to students who wish to enter the Faculty of Arts and Science, the Faculty of Engineering, or the degree course in Agriculture at Macdonald College. Each scholarship covers the full tuition fee of the student, as well as the cost of board and residence at Douglas Hall, the Royal Victoria College, or Macdonald College, for four years or the period necessary to enable the student to obtain his degree, whichever is the shorter. The holder will normally forfeit the scholarship if, during his course, he fails to maintain an academic standing satisfactory to the Special Committee. Application forms may be obtained from the Registrar's Office and must be submitted by June 1st.

GENERAL MOTORS SCHOLARSHIPS.—Three entrance scholarships at McGill University have been established by the General Motors Corporation of Canada and are open to outstanding young Canadian men and women entering the Faculty of Arts and Science, the Faculty of Engineering, or the degree courses in Agriculture or Household Science at Macdonald College. The scholarships are renewable annually, provided the holders maintain a satisfactory academic standing, for a period of four years or the period necessary to enable the winner to obtain his degree, whichever is the shorter. Should a holder withdraw or fail to maintain a satisfactory standing the scholarship may be awarded to another qualified candidate who is a member of the same class. The amount of each award is flexible and will range from an honorary award of $200 up to an award of $2,000 a year depending upon the demonstrated need of the individual. Application from out-of-town students should be made on the McConnell-Wilson Memorial Scholarship application form and from local students on the regular University Entrance Scholarship application form. Applications must be submitted on or before the 1st of July.

INCO SCHOLARSHIP.—One entrance scholarship has been established by the International Nickel Company of Canada Ltd., restricted to study in the fields of geology, geophysics, mining, metallurgy, physics, mathematics, and engineering. The scholarship covers tuition fees and provides an additional allowance for books and living expenses. It is open to graduates of any Canadian high school or preparatory school and is awarded by the University Scholarships Committee on the basis of academic record, character, and financial need. It is renewable annually until graduation provided satisfactory standing is maintained. If the holder of a scholarship withdraws from the University or fails to satisfy all the requirements, the scholarship will be awarded to another

qualified student who is a member of the same class. Application should be made on the regular University Entrance Scholarship form.

EDGAR WILSON AND MARGARET WILSON SCHOLARSHIPS.—These scholarships were established in 1956 by a bequest from the late Edgar Moles Wilson to provide scholarships in the case of boys to be known as the Edgar Wilson Scholarships and in the case of girls to be known as the Margaret Wilson Scholarships. They are to assist boys and girls in obtaining higher education in any faculty and are awarded by the University Scholarships Committee on the basis of academic merit and financial need. The awards will not exceed $600 a year and will be renewable annually provided satisfactory standing is maintained. Application should be made on the regular University Entrance Scholarship Form.

SIR WILLIAM MACDONALD ENTRANCE SCHOLARSHIPS IN ARTS AND SCIENCE.—Four scholarships of $150 each, tenable for one year only, were endowed by Sir William Macdonald and are open only to men. They are awarded under the conditions governing University Entrance Scholarships. (See page 610 for particulars.)

SIR EDWARD BEATTY MEMORIAL SCHOLARSHIPS.—Two scholarships, one in Classics (Greek and Latin) and one in Mathematics, of the value of $600 each, were founded by the late Sir Edward Beatty, former Chancellor of the University. The scholarships are payable at the rate of $150 per annum for four years, and are tenable only in the Faculty of Arts and Science. The scholarships are awarded primarily for ability in either Classics or Mathematics, but school and examination records in other subjects may be taken into account. These awards are made under the conditions governing University Entrance Scholarships (see page 610) and candidates will be required to submit:

(*a*) their complete High School record,

(*b*) their marks or grades in any recognized examination,

(*c*) confidential letters from their school principals.

The winner of a Sir Edward Beatty Memorial Scholarship on entering the University need not necessarily take courses leading to honours in Classics or in Mathematics, but may enter any course for which he is qualified in that Faculty.

Applications must be made on forms which may be obtained from the Registrar's Office. These must be returned not later than 1st July.

These scholarships are open only to male students, educated in Canadian schools, whose parents are British or Canadian born.

HON. ROBERT JONES BURSARY.—Valued at $120 per annum is granted "from time to time to some needy student for the full term of study in the

Faculty of Arts and Science or Engineering." The bursary is not continued if the standing of the holder proves to be unsatisfactory.

ROBERT BRUCE SCHOLARSHIP AND BURSARY.—One entrance scholarship of $100 for one year is available in the Faculty of Arts and Science.

One bursary of $100 is open each year to "young men and women of promising abilities but of straitened circumstances in Arts and Science or Engineering."

*OTTAWA VALLEY GRADUATES' SOCIETY BURSARY.—This bursary of $100 is given through the Ottawa Valley Branch of the Graduates' Society and is open only to bona fide residents of the territory of the Ottawa Valley Graduates' Society. The winner is selected by the University from candidates who have written (1) The McGill School Certificate Examination or (2) The Quebec Catholic or Protestant High School Leaving Examination or (3) The Ontario Grade 12 Examinations or (4) The McGill Senior School Certificate or (5) The Ontario Grade 13 Examination or (6) The Quebec Catholic or Protestant Senior High School Leaving Examination.

ROYAL VICTORIA COLLEGE ENTRANCE SCHOLARSHIPS.—Two scholarships, of $685 each, open to women only, and conditional on residence in the Royal Victoria College, are offered annually. These are awarded on the result of the McGill School Certificate or Senior School Certificate or other approved examinations and are tenable for one year only. Application forms may be obtained from the Registrar's office.

SEBA ABBOTT SMITH MEMORIAL SCHOLARSHIP.—This scholarship which is restricted to women students has a minimum annual value of $50 and a maximum annual value of $200. It will be renewable annually until the holder obtains her first degree provided the holder maintains an academic standing satisfactory to the University Scholarships Committee. The actual value of the award will be determined each year by the University Scholarships Committee according to the need of the holder. Applications should be made on the regular University Entrance Scholarship application forms.

*CANADIAN PACIFIC RAILWAY SCHOLARSHIPS.—Scholarships covering five years' tuition in Chemical, Civil, Mechanical, or Electrical Engineering, or six years' tuition in the School of Architecture, or four years' tuition in the Arts courses of the Faculty of Arts and Science, or in the School of Commerce, or four years in the School of Household Science, Macdonald College, are awarded annually by the Canadian Pacific Railway Company. These are open for competition to apprentices and other employees of the Company under twenty-one years of age, as well

*_Tenable also at Macdonald College._

as to minor sons and daughters of employees. The method of award is that of the University Entrance Scholarships described on page 610, candidates being required to submit:

(*a*) their complete High School record,

(*b*) their marks or grades in any recognized examination,

(*c*) confidential letters from their school principals.

The scholarships will be renewed until the holders obtain their first degrees provided they are entitled to full standing in the next higher year.

Forms of eligibility and full particulars as to the number of scholarships available, etc., may be obtained from Mr. T. E. Brady, Superintendent of Pensions and Staff Registrar, Pension Department, C.P.R. Offices, Montreal. Applications, on forms obtainable from the Registrar's Office, accompanied by statements of eligibility from Mr. Brady, must reach the Registrar's Office before 1st July.

GEORGE HERRICK DUGGAN MEMORIAL SCHOLARSHIPS.—Two scholarships have been established as a memorial to the late George Herrick Duggan, D.Sc., LL.D. These are:

(*a*) A scholarship offered annually by the Dominion Engineering Works, Limited, open to all employees of the Dominion Engineering Works, Limited, and its wholly owned subsidiary companies, and to their sons and daughters.

(*b*) A scholarship offered annually by the Dominion Bridge Company, Limited, open to all employees of the Dominion Bridge Company, Limited, and its wholly owned subsidiary companies, and to their sons and daughters.

The value of each of these scholarships will not exceed $750 if the winner comes from outside Montreal, or if in the judgment of the Committee it is desirable for the winner to reside away from home in the interests of his academic work. If the winner is able to live at home, however, the value of the scholarship will be equivalent to the full tuition fees payable to the University, and the Awarding Committee may in this case make an additional grant where there is financial need.

The purpose of these scholarships is to provide an incentive to eligible candidates to qualify themselves for a university education in engineering or scientific work or allied subjects, and to afford them financial assistance while pursuing university studies. The scholarships are awarded primarily on the intellectual attainment and academic record of the applicants, although the characters of the candidates and other circumstances are also taken into consideration. They may be granted for any period, from one to five years, inclusive. To qualify, the applicant must attain

the entrance requirements from time to time established by the University for the course of study applied for, with an average standing of not less than 75%, and thereafter maintain an academic standing satisfactory to the University Scholarships Committee.

In exceptional cases qualified students in the Faculty of Arts and Science and the Faculty of Engineering may be considered for these scholarships.

The awards are made by the Board of Governors on the basis of a recommendation from a special committee composed of the Chancellor, the Principal and Vice-Chancellor, and the Warden of the Royal Victoria College. Applications should be submitted in the form prescribed for University Entrance Scholarships (see page 610).

CONSTRUCTION INDUSTRY SCHOLARSHIP.—A scholarship of $550 is open annually to the sons of employees in the Construction Industry and is tenable in the Faculty of Engineering (Civil, Electrical, or Mechanical only) or the School of Architecture. The award is made by the University Scholarships Committee in consultation with the Building Trades Joint Committee. Academic qualifications and financial need are taken into consideration when making the award. The scholarship is renewable annually until the holder graduates provided his academic standing is sufficiently high. Application forms may be obtained from the Building Trades Joint Committee, 1526 St. Mark St., Montreal, and must be returned by July 1st.

FRANK P. JONES SCHOLARSHIPS.—Under the will of the late Frank P. Jones, in his lifetime President of Consumers Glass Company, Limited, provisions have been made for the establishment of one or more scholarships at McGill University, which are open to junior employees and to sons and daughters of employees of Consumers Glass Company, Limited. Each scholarship has a maximum value of $400 a year and a minimum value of $100 a year, and will be awarded by the University Scholarships Committee to a candidate with qualifications satisfactory to the University. Each candidate must have a good matriculation standing. The scholarships are renewable annually provided the holders obtain satisfactory grades in the examinations at the University.

COMBINED ENTERPRISES LIMITED BURSARY.—This bursary has been established by Combined Enterprises Limited and is awarded annually on the basis of academic standing, character, and financial need to a student entering First year Engineering. The bursary is renewable annually, provided satisfactory standing is maintained, until the holder obtains his degree in Chemical, Electrical, Mechanical Engineering, or Engineering Physics. The value of the bursary is $600 for the First year and $445 for each

succeeding year. Summer employment is offered to holders if they so desire. The award is made by the Scholarships Committee of the Faculty of Engineering in consultation with Combined Enterprises Limited. Application should be made to the Registrar on the regular University Entrance Scholarship form.

SPRUCE FALLS POWER AND PAPER COMPANY LIMITED SCHOLARSHIP.—An entrance scholarship of $1,000 established by the Spruce Falls Power and Paper Company Limited is open to students entering the First or Second year of the Faculty of Engineering. The award is made by the University Scholarships Committee in consultation with the Scholarships Committee of the Faculty of Engineering on the basis of academic standing, engineering promise, and financial need. The scholarship is renewable for a second year in the Faculty of Engineering provided satisfactory standing is maintained and will be of the value of $600. Application should be made on the regular University Entrance Scholarship form and submitted to the Registrar by July 1st.

JAMES DAVIDSON MCCALL SCHOLARSHIP.—This scholarship was founded by his family in memory of James Davidson McCall, B.Eng., who was accidentally killed in September 1953, the year of his graduation. It is awarded to a student of Canadian citizenship entering First or Second year Engineering and is renewable annually until graduation provided the holder maintains satisfactory academic standing. The scholarship covers the cost of tuition fees each year. The award is based on academic merit, character, initiative, and financial need. Application should be made on the regular University Entrance Scholarship form. This award will be open for competition for the 1958-59 session.

SIDNEY J. HODGSON SCHOLARSHIPS.—Two scholarships, of the approximate values of $200 and $175 respectively, were founded by Arthur J. Hodgson, Esq., in memory of his son, Sidney James Hodgson, a student of the First Year in Arts, who was killed in action on September 27th, 1918, while serving in the 66th Battery of the Canadian Field Artillery. They are open to boys and girls of Westmount High School who have been in attendance for at least one year. The $200 scholarship is tenable only in the Faculty of Engineering and the $175 scholarship only in the Faculty of Arts and Science. They are awarded to the pupils with the highest percentages in the Junior High School Leaving subjects required for admission to these faculties.

QUEEN ESTHER CHAPTER NO. 30 ORDER OF THE EASTERN STAR BURSARY.—This bursary of $100 established in 1951 by the Queen Esther Chapter No. 30 Order of the Eastern Star is awarded annually by the University Scholarships Committee to a deserving student entering the University.

*SCHOLARSHIP GRANTED BY THE GRADUATES' SOCIETY OF THE DISTRICT OF BEDFORD.—This scholarship of $140 is awarded each year to a student who has taken his or her High School classes (Grades IX, X, and XI) in one of the High Schools of the District of Bedford and who enters the University or Macdonald College to take any full-time degree course. The award, which may be divided between two students, is based on the results of the High School Leaving marks and is awarded by the District of Bedford Graduates' Society upon the recommendation of the University Scholarships Committee.

*ST. FRANCIS DISTRICT GRADUATES' SOCIETY BURSARY.—This Bursary of $400 is restricted to residents of the area covered by the St. Francis District Branch of the Graduates' Society and is open to pupils of any high school or private school entering any faculty or school of McGill University, including Macdonald College. The Bursary may be renewed for a second year. An amount of $250 of the Bursary is to be repaid by the holder at the rate of a minimum of $50 per year after graduation. The award is made by the St. Francis District Branch of the Graduates' Society on the recommendation of the University Scholarships Committee. Application forms may be obtained from the Registrar's Office.

NARCISSA FARRAND (MRS. N. PETTES) SCHOLARSHIP.—This scholarship, of not less than $600 ($150 for four years), founded and endowed by Mr. and Mrs. H. V. Truell, of Sweet Acre, Knowlton, Que., is awarded annually to the candidate from the Eastern Townships who obtains the highest marks in the June Entrance Examinations for admission to the Faculty of Arts and Science, and who has had his domicile in the Eastern Townships for five consecutive years immediately preceding the examination. Applications should be made on the regular University Entrance Scholarship application forms.

GRACE FAIRLEY TRAFALGAR SCHOLARSHIP.—Founded in 1913 by certain friends and former pupils of the late Miss Grace Fairley, to signalize her long and faithful service to education as head of the Trafalgar Institute. It is of the value of $100, is tenable for one year only, and is awarded annually to the student of Trafalgar Institute who obtains the highest marks in the June School Certificate Examination and enters the Faculty of Arts and Science.

*ISABELLA C. MACRAE SCHOLARSHIP.—This scholarship of $150 is open to residents of Maxville, Ont., who have satisfied the requirements for entrance to McGill University. Should there be no successful applicants from this locality for six years, the scholarship will subsequently be open to any resident in Ontario.

*_Tenable also at Macdonald College._

DUNCAN MCCASKILL SCHOLARSHIP.—This scholarship which is restricted to students from Nova Scotia has a minimum annual value of $50 and a maximum annual value of $200. It will be renewable annually until the holder obtains his or her first degree provided the holder maintains an academic average satisfactory to the University Scholarships Committee. The actual value of the award will be determined each year by the University Scholarships Committee according to the need of the holder. Applications should be made on the regular University Entrance Scholarship application forms.

*CHRISTIE-STORER SCHOLARSHIP.—A scholarship of the value of $200, endowed by the above-named Chapter of the I.O.D.E. in memory of the men of St. Lambert who fell in the Great War, 1914-18, is awarded annually to the pupil residing in St. Lambert who stands highest in the June High School Leaving Examination each year at the Chambly County High School.

MONTREAL WOMEN'S CLUB ELIZA REID MEMORIAL SCHOLARSHIP.—Founded in 1927 by the Montreal Women's Club in memory of the first President of the Club, Mrs. Robert Reid. This scholarship of the value of $150 is tenable for one year, and is awarded each year to a graduate of the Montreal High School for Girls who has completed at least Grades X and XI in this school, and who plans to enter the First year of McGill University in a degree course.

NOTRE DAME DE GRACE WOMEN'S CLUB BURSARY.—This bursary of $150, tenable in the First Year of the University, is awarded annually to a girl student who has completed Grades X and XI in West Hill High School.

VERDUN WOMEN'S CLUB INC. BURSARY.—This bursary of $100 is tenable for one year and is awarded annually by the Verdun Women's Club Inc. to a student who has completed Grade XI in the Verdun High School and who plans to enter the First year of the University, or to a student who has completed Grade XII in the Verdun High School and who plans to enter the Second year of the University. The award is based on academic record, character, and financial need. Preference is given to girl students.

WESTMOUNT WOMEN'S CLUB SCHOLARSHIP.—A scholarship to the value of $200 is awarded annually by the Westmount Women's Club to a girl student matriculating into McGill University or Macdonald College from the Westmount High School.

IMPERIAL ORDER DAUGHTERS OF THE EMPIRE SECOND WAR MEMORIAL BURSARIES.—A number of bursaries in Canadian Universities for students of high academic standing and promise are offered each year by the Imperial Order Daughters of the Empire as a memorial to Canadian men and

Tenable also at Macdonald College.

women who gave their lives in the defence of Freedom during the Second World War. At least one bursary will be awarded in each Province and one in the Yukon to sons and daughters of deceased or disabled Canadian men and women of the Services (Army, Navy, Air Force; World War II) who are receiving a pension. These bursaries are of the value of $1,600, i.e., $400 a year for four years provided the holder passes the examinations of each year in the spring or at the latest in the autumn of the same year, and satisfies the Provincial Committee of Selection of his or her continued fitness to retain the bursary. In making the award the Selection Committee will take into consideration the general record and standing in school, physical fitness, and family circumstances. A candidate must write the Provincial Departmental examinations and may choose the university which he or she wishes to attend. Further information and application forms may be obtained from the Provincial I.O.D.E. Educational Secretary of each Province. In Quebec, the address is 4112 Western Ave., Westmount, Quebec.

AMERICAN CAN COMPANY SCHOLARSHIPS.—These scholarships established by the American Can Company are open to junior employees who have completed at least one year's service with the Company and to sons and daughters of employees who have completed at least five years' service and whose salaries do not exceed $700 per month. All candidates must have completed a high school education or its equivalent and must have a scholastic standing in the top third of the class. Students who have begun their college careers are not eligible. Candidates will be required to take the scholarship aptitude test given by the College Entrance Examination Board. Each scholarship is of the value of full tuition fees payable to the college or university. Each winner may choose any approved privately controlled four year college or university in the United States or any Canadian college or university belonging to the National Conference of Canadian Universities and may undertake any course of study that he or she desires. Further information and application forms which must be submitted by November 30th may be obtained from the Administrator, Scholarship Programme, Canadian Division, American Can Company, 92 King St. East, Hamilton, Ontario.

UNIVERSITY BURSARIES (see page 609).

*KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND (see page 625).

*LEONARD FOUNDATION SCHOLARSHIPS (see page 625).

WOMEN ASSOCIATES OF McGILL BURSARY (see page 626).

GEORGE J. McMANUS MEMORIAL SCHOLARSHIPS (see page 622).

CHILDREN OF WAR DEAD (EDUCATION ASSISTANCE) ACT (see page 622).

DOMINION-PROVINCIAL LOANS AND BURSARIES (see page 623).

*_Tenable also at Macdonald College._

III. SCHOLARSHIPS, BURSARIES, LOAN FUNDS, AND PRIZES IN THE VARIOUS FACULTIES OF THE UNIVERSITY

A. OPEN TO STUDENTS IN ALL FACULTIES

UNIVERSITY SCHOLARSHIPS.—University Scholarships (see page 608) may be awarded by the University Scholarships Committee to students in any year of any undergraduate faculty. They are awarded for exceptionally distinguished work in the regular University examinations and special applications are not required.

Two of these University Scholarships have special names, the James Eccles Scholarship which is tenable in any year of any faculty, and the Frederick Smith Memorial Scholarship which is tenable only in the Faculty of Medicine.

All University Scholarships are renewable annually provided that, in the opinion of the University Scholarships Committee, the holders maintain a sufficiently high academic standing.

GEORGE J. MCMANUS MEMORIAL SCHOLARSHIPS.—These Scholarships are awarded by the University Scholarships Committee and are open to men or women students in any year of any faculty who have high academic records and need financial help. Each scholarship has a minimum value of $100 and a maximum value of $200. The actual amount awarded will depend upon the need of the winner. These scholarships may be held by students who already have other scholarships, provided they have real financial need.

UNIVERSITY BURSARIES.—The University has established a number of bursaries open to students in all faculties and schools. The general regulations governing the award of these are stated on page 609. Application must be made on a special form and forwarded to the Registrar. The forms may be obtained from the Registrar's Office.

CHILDREN OF WAR DEAD (EDUCATION ASSISTANCE) ACT.—Under this Act fees and monthly allowances are provided for children of Canadian veterans whose death was attributable to military service. Enquiries should be directed to the nearest District Office of the Department of Veterans Affairs or to the Student Counsellor, McGill University.

*DOMINION-PROVINCIAL LOANS AND BURSARIES—The Dominion and Provincial Governments jointly offer a number of bursaries and combined bursaries and loans to degree students in most faculties and schools. These are open to men and women on equal terms. The Quebec grants are half bursary and half loan, the latter being repayable one year after graduation. To be eligible for a Quebec grant, a student must be a British subject with at least five years' residence in the Province of Quebec, and must be under thirty years of age, in good academic standing, and in definite need of financial assistance. In some cases bursaries may be granted to married students. Students following the B.A. course and students in Divinity, Nursing and Graduate Studies are not eligible under this plan, nor are students who receive any assistance from other Government funds. The award varies with the need and will not generally exceed $200 for a Montreal resident or $500 for a non-resident in any one session. These bursaries may be renewed upon application to the Student Counsellor's Office before 1st June if the conditions for granting the award are maintained. Applications for new bursaries must be submitted on the proper forms before 15th September. Decisions regarding renewals of these bursaries are usually made late in August, but decisions regarding the award of new bursaries are not usually made until after the middle of October. For further particulars apply to the Student Counsellor's Office. Students coming to McGill from other provinces should inquire from their Provincial Departments of Education whether they are eligible to participate in any comparable scheme.

PROCTER & GAMBLE STUDENT BURSARY FUND.—The Procter & Gamble Company of Canada Limited has established a fund of $1,500 to assist needy students in any faculty or year who are of good academic standing. There is no restriction as to race, colour, creed, or national origin, but recipients will normally be Canadian residents who expect to maintain permanent residence in Canada. Awards are made by the University Scholarships Committee and the minimum award is $100. It is hoped by the Company that any student who benefits from the fund will later contribute to the general bursary funds of the University when in a financial position to do so. These bursaries may be held concurrently with other awards.

*B'NAI B'RITH BURSARIES.—Three bursaries of $100 each have been given to the University by the Mount Royal Lodge of B'nai B'rith. These bursaries are open to men and women students in any faculty. Need and scholarship will determine the award. Applications in writing must reach the Registrar before the end of August.

B'NAI B'RITH HILLEL FOUNDATION BURSARY.—This Bursary of $200, established by the B'nai B'rith Hillel Foundation of McGill University, is awarded

*These awards are also tenable at Macdonald College.

by the University Scholarships Committee to a deserving student, irrespective of race, colour, or creed, in any faculty, preference being given to a student returning from service in the armed forces.

*FREDERICK SOUTHAM KER BURSARY.—This bursary was established in 1941 by the late F. N. Southam in memory of his grandson, Frederick Southam Ker, who was killed in action on September 6th, 1940. This bursary of $200 is open on equal terms to men and women of all faculties without respect to religion or race. It is awarded to a student who gives promise of becoming a good citizen but is handicapped in his or her academic course by lack of funds. Financial need, character, and academic record are all taken into account in making the award.

STUDENTS' SOCIETY BURSARIES.—In 1953 the Students' Executive Council established three bursaries to be awarded by the University Scholarships Committee without restriction as to race, colour, nationality, creed, or sex. The bursaries are open to members of the Students' Society in any faculty or year with at least Second Class standing in the year preceding the award. The basis of the award is financial need, academic standing, and the candidates' contributions to student activities (other than athletics). The present value of these bursaries is $150 each.

NATIONAL COUNCIL OF JEWISH WOMEN OF CANADA, MONTREAL SECTION, BURSARIES.—The National Council of Jewish Women of Canada, Montreal Section, offers each year a limited number of bursaries. The value of each award is normally $100. These bursaries are awarded by the Council upon the recommendation of the University Scholarships Committee. Academic standing and financial need are both taken into consideration in making the award. Although there is no legal obligation to pay back these bursaries, the National Council of Jewish Women hopes that holders will, if possible, return the money at some future time so that other students may in their turn be helped through college. Application should be made on the ordinary University Bursary application form.

CELIA AMDUR ISAACS MEMORIAL BURSARY.—Established in 1953 by the Montreal Section of the National Council of Jewish Women and Mr. I. Sydney Isaacs, this bursary of $100 is awarded by the Council upon the recommendation of the University Scholarships Committee. Application should be made on the regular University Bursary form.

ANNIE RABIN WOLFE BURSARY.—A bursary of $250 in memory of the late Mrs. Annie Rabin Wolfe has been established by Mr. David Wolfe, her husband, and Mr. Nathan Wolfe, her son. The bursary, which may be divided, is open to full-time students in any faculty or school without

---

**Tenable also at Macdonald College.*

regard to nationality or religion. It is awarded by the National Council of Jewish Women upon the recommendation of the University Scholarships Committee.

FELIX LEOPOLD BURSARY.—This bursary of $100 was established in 1953 by Mr. Felix Leopold of Montreal and is awarded annually by the University Scholarships Committee to a needy student in any faculty. The holder must have a satisfactory academic record and be of good character, but may be of any religion or nationality.

ABRAHAM I. LANG MEMORIAL BURSARY.—This bursary of $50 has been established by Mr. I. Wachman in memory of the late Abraham Isaac Lang, B.A. '28, B.C.L. '32. It is open to men or women students in any faculty who have satisfactory academic records and real financial need. The award is made by the University Scholarships Committee.

*KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND.—The interest on this fund is awarded in scholarships by the Scholarships Committee subject to the following two conditions:

(i) that the scholarships may be held by undergraduates only;

(ii) that the preference is given to sons and daughters of soldiers:

(a) who served in the war of 1914-18;

(b) who served in the war of 1939-45.

*LEONARD FOUNDATION SCHOLARSHIPS.—The Leonard Foundation, created in 1916 by the late Colonel Reuben Wells Leonard and Mrs. Leonard, offers each year a number of scholarships tenable at schools, colleges, and universities in Canada, approved by the Foundation.

The scholarships are open to men and women. A student to be eligible must be "a British subject, of the white race, of the Christian Religion in its Protestant form, and of the full age of fourteen years."

The amount of the award will vary with the need of the winner.

Sons and daughters of the following are given preference in the selection of scholars:

(a) Clergymen, (b) School Teachers, (c) Officers, Non-Commissioned Officers and Men, whether active or retired, of Her Majesty's naval, military, or air forces, (d) Graduates of the Royal Military College, (e) Members of the Engineering Institute of Canada, (f) Members of the Mining and Metallurgical Institute of Canada.

The University is willing to endorse and forward with its recommendation applications of any candidates who may wish to apply through the University and are approved by it.

These awards are also tenable at Macdonald College.

Such candidates must make their applications on forms to be obtained from the Registrar's Office and must return these to the Registrar before January 1st in the year in which the award would be granted.

A booklet giving further particulars may be consulted in the Registrar's Office.

WILLIAM JOHN DEY BURSARIES.—Established in 1950 under the will of the late Mary Helena Dey in memory of her father, the Reverend William John Dey, M.A., D.D., (B.A.), Class of 1867, McGill University, these bursaries are open to full-time undergraduates, both men and women, in all faculties and schools, and are awarded by the University Scholarships Committee.

KENNETH M. BURKE BURSARIES.—These bursaries were established in 1946 by Dr. Hugh E. Burke in memory of his brother, the late Kenneth M. Burke. They are open to men and women in any faculty, preference being given to sons and daughters of ministers of religion.

NOURALLA LUTFY MEMORIAL BURSARY.—This bursary of $200 was established in 1958 under the will of the late Mr. Nouralla Lutfy and a further donation from his son, Mr. John Lutfy. The award is made by the University Scholarships Committee to a deserving student in any faculty or school.

FROTHINGHAM BURSARIES.—The Frothingham Bursary Fund was established in 1951 by a bequest from the late Mrs. Harriet F. Miller, the revenue of which is used to provide bursaries for outstanding women students in any faculty. These bursaries are awarded by the University Scholarships Committee.

WOMEN'S UNION SCHOLARSHIP (see page 643).

MONTREAL BRANCH, CANADIAN WOMEN'S PRESS CLUB SCHOLARSHIP IN JOURNALISM.—This scholarship of $150 is open to women students in any faculty at McGill University, including Macdonald College, who are spending at least another year at the University. The qualifications are high academic standing and definite ability in writing. Preference will be given to students who intend to make journalism a career and have taken an active interest in student publications. It is restricted to Canadian citizens. Application should be made by letter to the Registrar on or before April 1st.

WOMEN ASSOCIATES OF MCGILL BURSARY. — A bursary of approximately $200 is available each year to men and women students in any faculty. Scholarship and need will determine the award. The winner will be chosen by the Executive of the Women Associates of McGill from a list of candidates recommended by the Scholarships Committee and selected from the applicants for University bursaries (see page 609).

MCGILL PHARMACY ALUMNI SOCIETY BURSARY.—This bursary of $100 has been established by the McGill Pharmacy Alumni Society in honour of Dr. William H. Hatcher. It is awarded by the University Scholarships Committee and is open to deserving students irrespective of race, colour or creed. Preference is given to First or Second year B.A. or B.Sc. degree students who intend to study pharmacy after graduation.

JOSEPH LAWRENCE CAPLAN MEMORIAL BURSARY.—This bursary of $200 is awarded by the Principal on the recommendation of the University Scholarships Committee to a First year student in any faculty who may be thereby helped to obtain a university education.

MCGILL U. N. T. D. BURSARY.—This Bursary, endowed by the University Naval Training Division with an annual value of $40, is awarded by the University Scholarships Committee on the recommendation of the responsible Naval authorities to the U. N. T. D. rating who is considered to be the most deserving applicant. If in any year there is no applicant of high enough quality, the award is withheld.

CANADIAN LEGION BURSARY.—This bursary of $250 was established in 1953 by the Canadian Legion of the British Empire Services League, Ypres Branch No. 53, and is awarded annually by the University Scholarships Committee to a needy veteran student or to the son or daughter of a veteran in any faculty or year.

TEMPLE EMANU-EL SISTERHOOD BURSARY.—Established in 1946 in memory of the men who lost their lives in the war of 1939-45, this Bursary, with an annual value of $100, is open to men undergraduates in all faculties and is awarded by the University Scholarships Committee.

ROY M. WOLVIN MEMORIAL BURSARIES (see page 634).

STUART DUNN MEMORIAL SCHOLARSHIP—Founded by Major Charles Gwyllym Dunn of Quebec City in memory of his son, Sergeant (Wireless Air Gunner) Stuart Dunn, R.C.A.F., a student at McGill University who died on active service in July, 1941. The scholarship, value $125 per annum, is to be awarded annually to a male student of the Protestant Christian Faith whose home is outside the Island of Montreal. In making the award the Scholarships Committee takes into consideration: (a) the candidate's scholarship, character, personality, and quality of leadership, (b) his need of financial assistance, and (c) the general usefulness to the community of the special branch of study he proposes to follow.

JOSEPH ALFRED JACOBSON MEMORIAL SCHOLARSHIP.—This scholarship, of $200, was established by the late Mr. Percy N. Jacobson and Mrs. Jacobson in memory of their son, Flight-Sergeant Joseph Alfred Jacobson, of the Royal Canadian Air Force, who was killed in action on the

28th January, 1942. The scholarship is open to men and women in any faculty on equal terms. It is given to a student selected by the University Scholarships Committee on the grounds of his personality, academic strength, interest in university sports, and financial need.

HINGSTON BURSARY.—This bursary of $80 has been established by Mrs. Stuart Merrett in memory of her son, Pilot Officer F. W. (Billy) Hingston, B.A. 1940, who was killed while flying in a raid on Germany on the 4th of December, 1943. The bursary is open to male undergraduates without restriction as to race or creed or faculty and is awarded by the University Scholarships Committee.

CANADIAN ARMY UNIVERSITY COURSE MEMORIAL BURSARY.—This bursary has been established by the Canadian Army University Course Association of McGill University as a memorial to the three of their comrades, Richard F. Gyles, Robert J. Lockhart, and James C. Wheeler, who lost their lives in the World War, 1939-45. It is awarded by the University Scholarships Committee on the recommendation of the Association and preference is given to members of the McGill Canadian Army University Course and to other men who volunteered for active service, and their children.

PRIZES

CHESTER MACNAGHTEN PRIZES.—Two prizes, one of $50 and the other of $30, are offered annually in a competition for the best piece of creative writing in English submitted by an undergraduate student of the University. The work submitted may be a story, a play, a poem, an essay, etc. The material should be carefully selected and properly presented. The judges will not read untidy manuscripts or a large number of newspaper clippings. Compositions that have appeared in print are not ineligible provided they have been published since 1st March, 1958. No candidate may submit more than two entries. Compositions must be typed and must reach the Registrar before the 1st March, 1959. Entries that win prizes or honourable mention will be retained by the University and filed in the Redpath Library. The competition is restricted to those students who have not previously won the First Prize. Awards are made by the University Scholarships Committee.

J. M. RUTHERFORD MEMORIAL PRIZE.—This prize of the value of $100 is awarded for some original work or study undertaken by an undergraduate student of the University, on his own initiative, preferably outside the regular work for his or her degree. Candidates may be nominated by any member of the University staff or may apply in writing directly

to the Registrar, submitting evidence of their qualifications. The competition is restricted to those students who have not previously won the Prize. Entries or nominations should be received by the Registrar not later than April 1st. The award is made by the University Scholarships Committee.

NEIL STEWART PRIZE.—An annual prize of $50 in the Hebrew Language and Literature established by Mr. Neil Stewart of Vankleek Hill in 1878, is open to students in the University and in the affiliated Theological Colleges. It is awarded on the results of an annual examination open to students of the Faculty of Divinity of the University and of the Presbyterian College. The examination will be held in the third week in March on translation, grammar, and syntax (but not exegesis) of assigned passages of prose, prophecy, and poetry totalling about twenty-five chapters of the Hebrew Bible, together with Davidson's Hebrew grammar. Information concerning the biblical passages to be set for the examination each year may be obtained from the Registrar's Office, the Faculty of Divinity, or the Presbyterian College.

MCCHARLES PRIZE (see page 656).

SOCIETY OF CHEMICAL INDUSTRY PRIZES (see page 656).

LOAN FUNDS

Application for loans, unless otherwise stated should be made through Deans of Faculties or Directors of Schools.

UNIVERSITY LOAN FUND.—A Student Loan Fund has been established by the University to assist needy students in all Faculties. Loans are made normally only to students in upper years (see page 609), with good academic standing.

STUDENTS' SOCIETY LOAN FUND.—Established in 1956 by the Students' Society and open to students of all faculties in good academic standing without restriction as to race, nationality or creed. Primary consideration is financial need with secondary consideration given to the candidates' contributions to Students' Society activities. Application should be made to the Student Counsellor, Arts Building.

UNIVERSITY LODGE LOAN FUND.—The University Lodge No. 84, Q.R., A.F. and A.M., has established a loan fund for Masons and the children of Masons in attendance at McGill University. Loans will not exceed the annual tuition fees. They are open to qualified students in all faculties and all years. Applications should be made to the Student Counsellor, Arts Building. Need and academic merit will determine the awards.

ROTARY CLUB OF OTTAWA STUDENT LOAN FUND.—The Rotary Club of Ottawa has established a Student Loan Fund for Third and Fourth year students in any faculty who are residents of Carleton County, Ontario, and are attending universities throughout Canada. Annual loans will not exceed $250. Further information and application forms may be obtained from the Registrar's Office.

ROYAL CANADIAN AIR FORCE BENEVOLENT FUND.—Students who served in the Royal Canadian Air Force are eligible for assistance from the R.C.A.F. Benevolent Fund. This Fund makes loans or outright gifts, depending on the special circumstances involved. For further particulars, students should apply to the Student Counsellor, Arts Building.

MARTLET FOUNDATION LOAN FUND.—Established in 1954 by the Martlet Foundation for students with good academic standing and athletic ability who are in need of financial assistance. Applications should be made to the Director of Athletics, Physical Education and Recreation.

BERLINER STUDENT LOAN FUND.—Established in 1919 by the late Edgar M. Berliner to provide bursaries and student loans for students in the Department of Sociology and the School of Social Work. Applications should be made to the Director of the School of Social Work.

HERSCHORN LOAN FUND.—Established in 1951 by Mr. H. E. Herschorn for the purpose of making loans to students in the Third or subsequent year of any faculty who, because of lack of funds, would otherwise be unable to continue their studies. Applications should be made to the Student Counsellor.

HAROLD N. SEGALL LOAN FUND.—Established in 1957 by a donation from the Jerry Segalls to assist deserving students in any faculty without distinction as to sex, race or creed. Applications should be made to the Student Counsellor, Arts Building.

CANADIAN CLUB OF MONTREAL FIFTIETH ANNIVERSARY STUDENT AID FUND.—Established in November 1955 by the Canadian Club of Montreal to commemorate the Club's Fiftieth Anniversary. The purpose of this Fund is to foster patriotism by encouraging the study of the institutions, arts, literature, and resources of Canada, and the appreciation of matters of interest and concern to Canadians. Applications should be made to the Student Counsellor, Arts Building.

J. K. PRATT MEMORIAL LOAN FUND.—Established in 1952 in memory of the late Janetta K. Pratt who was Cashier at McGill University from 1929 until her death in 1952. Open to students in all faculties.

MRS. M. DOROTHEA MILLAR LOAN FUND.—Established in 1956 by Mrs. M. Dorothea Millar to assist one or more students of either sex, graduate or

undergraduate, to pursue studies or research at McGill. It is to be used, in the first instance, to assist Hungarian students while this need appears to be urgent. Applications should be made to the Student Counsellor, Arts Building.

GREEK STUDENTS BURSARY AND LOAN FUND.—Established in 1952 by a group of Greek merchants to provide financial assistance for Greek students in attendance at McGill University. Applications should be made to the Student Counsellor.

COMMERCIAL SOCIETY LOAN FUND.—For students in Commerce (see page 648).

MORTON J. WHITE LOAN FUND.—For students in the School of Commerce (see page 648).

GEORGE HENRY FROST FUND.—For students in Engineering (see page 659).

KELLOGG FOUNDATION LOAN FUND.—For students in Medicine, Dentistry, and the School for Graduate Nurses (see pages 665, 667 and 711).

BOSWELL JAMES LOAN FUND.—For students in Medicine (see page 665).

WESTON FAY VOLBERG JR. MEMORIAL LOAN FUND.—For students in Medicine (see page 665).

BENNETT EDUCATIONAL FUND.—For students in Engineering (see page 659).

WADDELL LOAN FUND.—For students in Engineering (see page 659).

ISABELLA MCLENNAN BURSARY AND LOAN FUND.—For students in Architecture (see page 659).

MONTREAL WOMEN'S AUXILIARY OF THE CANADIAN INSTITUTE OF MINING AND METALLURGY LOAN FUND.—For students in Engineering (see page 659).

SCIENCE '25 MEMORIAL LOAN FUND.—For undergraduate students in Engineering (see page 660).

PI BETA PHI LOAN FUND.—For students in Social Work (see page 712).

SOCIAL WORK ALUMNI LOAN FUND.—For students in Social Work (see page 712).

SOUTHAM STUDENT LOAN FUND.—For students in Social Work (see page 712).

GLADYS GLASSCO MEMORIAL LOAN FUND.—For students in Music (see page 671).

A. FLEMING LOAN FUND.—For students in Law (see page 670).

W. R. AIRD LOAN FUND.—For students in Dentistry (see page 667).

GRADUATE STUDENTS' LOAN FUND.—For students in the Faculty of Graduate Studies and Research (see page 708).

MACDONALD COLLEGE STUDENTS LOAN FUND.—For students in Agriculture (see page 676).

STUDENT TEACHERS' SOCIETY LOAN FUND.—For students in the Institute of Education (see page 684).

ST. GEORGE'S LODGE NO. 10 A.F. & A.M. LOAN FUND.—For students in the Institute of Education (see page 684).

ROYAL VICTORIA COLLEGE RESIDENTS' LOAN FUND.—For resident students of the Royal Victoria College (see page 644).

B. OPEN TO STUDENTS IN THE FACULTY OF ARTS AND SCIENCE

For details of Entrance Scholarships see pages 610 and 612.

For scholarships open to women only see page 642.

For Scholarships, Bursaries, and Loan Funds open to undergraduates in all Faculties see page 622.

For details of awards restricted to students in the School of Commerce see page 646.

For awards open to Graduate Students see page 690.

GENERAL REGULATIONS IN ARTS AND SCIENCE

1. No applications are required. The awards are made by the Arts and Science Scholarships Committee on the basis of examination standings.

2. Unless restricted by the deed of gift or faculty regulations the awards are open to all students studying for the B.A., B.Sc., B.Com., B.Ed., or B.Ed.(P.E.) degrees.

3. Only students in regular undergraduate standing are eligible for scholarships.

4. Scholarships will be awarded only if an adequate standard is attained.

5. If in any college year there is not a sufficient number of candidates showing adequate merit, any one or more of the scholarships offered for competition may be given to more deserving candidates in another year.

6. In order to retain his scholarship a successful candidate must proceed regularly with his college course to the satisfaction of the Faculty.

7. The annual income of the scholarships will be paid in two instalments, viz.:—One in October and one in January.

SECOND YEAR SCHOLARSHIPS

GROUP I

FACULTY SCHOLARSHIPS.—Six scholarships of $100 each are offered to students advancing from the First to the Second year for proficiency in their subjects of study. The awards will be made on the basis of the students' complete academic records and on recommendations from the departments in which they have taken their courses.

GROUP II

The following scholarships are also offered, according to the terms indicated, to students advancing from the First to the Second year.

JANE REDPATH EXHIBITION.—Founded by the late Mrs. Redpath, for the maintenance of an exhibition in Arts and Science. It is restricted to men and is awarded on the result of the sessional examinations of the First year to the man who makes the highest average on the year's work. Value $100.

MARGARET JANE ALLAN SCHOLARSHIP.—This scholarship, of $200, was established in 1929 by a bequest to the Royal Victoria College from Mrs. Agnes W. Allan. It is awarded each year to the woman student in either the B.A. or the B.Sc. courses in Arts and Science who obtains the highest standing in the sessional examinations of the First year.

CHARLES ALEXANDER SCHOLARSHIP.—Established in 1870 by Charles Alexander, "for the encouragement of the study of Classics and other subjects." Value $100.

BARBARA SCOTT SCHOLARSHIP.—Founded by the will of the late Barbara Scott to form an annual scholarship for the student "excelling in Classics in the First Year." Value $100.

ALEXANDER ADILMAN SCHOLARSHIP.—Established in 1957 under the will of the late Alexander Adilman, this scholarship of $300 is awarded to a student of merit who has completed the First year in the Faculty of Arts and Science. This scholarship is offered for a period of five years only beginning with the 1957-58 session.

SCHOLARSHIPS TENABLE IN THE SECOND, THIRD, OR FOURTH YEARS

GROUP III

UNIVERSITY SCHOLARSHIPS.—(see page 608).

SIR WILLIAM MACDONALD SCHOLARSHIPS.—Six scholarships of $150 each are open to men students in the Second, Third, and Fourth years.

†SIR WILLIAM DAWSON SCHOLARSHIP.—Given by the New York Graduates' Society; value $60. Open also to students in Engineering.

PETERSON MEMORIAL SCHOLARSHIPS IN CLASSICS.—Founded in memory of Sir William Peterson, Principal of McGill University from 1895 to 1918, by his son, W. G. Peterson, M.A. Two scholarships of $250 each are open to students in any year.

DR. BARCLAY SCHOLARSHIP.—Awarded in the Classics Department, value $60.

REFORD SCHOLARSHIP.—The interest on this fund, amounting to about $200 per annum, will be equally divided each year and placed at the disposal of the Departments of English and Philosophy.

HOUSTON SCHOLARSHIP.—Founded by the will of Thomas Houston, to establish a scholarship for French students studying for the ministry of the Presbyterian Church or the United Church of Canada. It is open only to undergraduates in the Faculty of Arts and Science and the Faculty of Divinity under the above restriction and is awarded by the University Scholarships Committee on the result of the sessional examinations without regard to year. The value is $125.

MAJOR HIRAM MILLS SCHOLARSHIP.—This scholarship, of the value of $50, is open to students in any of the biological sciences including Anatomy, Bacteriology, Biochemistry, Botany, Genetics, Physiology, and Zoology. It is open to both men and women.

PENHALLOW SCHOLARSHIP IN BOTANY.—This scholarship of $100 is open to men and women entering the Second, Third, or Fourth year of the undergraduate course. The award is made by the Faculty of Arts and Science on the recommendation of the Department of Botany.

LOGAN SCHOLARSHIPS.—Two scholarships of $100 each, one in the Department of Geological Sciences and the other in the Departments of Botany and Zoology, are open to men and women entering the Second, Third, or Fourth year of the undergraduate course. The awards are made by the Faculty of Arts and Science on the recommendation of the Department of Geological Sciences in the one case and on the joint recommendation of the Departments of Botany and Zoology in the other case.

ROY M. WOLVIN MEMORIAL SCHOLARSHIPS AND BURSARIES.—Two scholarships of $375 each are given by Mrs. Roy M. Wolvin in memory of her husband. One scholarship is restricted to men undergraduates in the Faculty of Engineering and one is restricted to women undergraduates in the Faculty of Arts and Science. These two awards are made by the Faculty Scholarships Committees on the basis of the results of the sessional examinations.

---

†*Not to be awarded until further notice.*

The bursaries are open to students in any undergraduate faculty who have a good academic record and need financial assistance. Application for the bursaries must be made on the regular University Bursary application form to the Registrar before November 1st.

MCGILL ALUMNAE SCHOLARSHIPS (see page 644).

MAURICE GOLDENBERG MEMORIAL SCHOLARSHIP.—This scholarship of $100 in Government, Constitutional Law, or Public Administration has been established by Mr. H. Carl Goldenberg in memory of his father, the late Maurice Goldenberg. It is awarded annually by the University Scholarships Committee to the best candidate amongst those nominated by the Faculty of Arts and Science and the Faculty of Law. The scholarship is open to both men and women with no restriction as to race, creed, or colour.

ALUMINUM COMPANY OF CANADA SCHOLARSHIPS (see page 651).

WILLIAM HENRY HOWARD SCHOLARSHIPS (see page 651).

GEORGE HERRICK DUGGAN MEMORIAL SCHOLARSHIPS (see page 616).

PRESBYTERIAN COLLEGE SCHOLARSHIPS.—The Board of Management of the Presbyterian College offers a number of scholarships for the payment of fees of undergraduates in Arts and Science who are registered at the Presbyterian College as in training for the study of theology with a view to the Ministry and who have creditably passed the sessional examinations.

THIRD YEAR SCHOLARSHIPS

GROUP IV

FACULTY SCHOLARSHIPS.—Eight scholarships of $100 each are offered to students advancing from the Second to the Third year in both the General Course and the Honours Courses, on the basis of academic record and recommendations from departments.

GROUP V

The following scholarships are also offered, according to the terms indicated, to students advancing from the Second to the Third year.

ROBERT BRUCE SCHOLARSHIP.—From a fund, created by the will of the late Robert Bruce, of Quebec City, one scholarship of the annual value of $75, tenable for two years, will be awarded for high standing in the examinations at the end of the Second year.

ALEXANDER MACKENZIE SCHOLARSHIP.—One scholarship of the value of $250 is awarded annually on the results of the honours examinations of the Second year in Political Science and is open only to a student who has completed the work of that year. Tenure of the scholarship is conditional upon the holder's taking the honours work in Political Science of the Third year (see also Group VI).

HANNAH WILLARD LYMAN MEMORIAL SCHOLARSHIP.—This scholarship of $100 is awarded annually to a woman student of the Third or Fourth year.

DELTA PHI EPSILON SORORITY BURSARY.—This bursary, founded by the Delta Phi Epsilon Sorority in memory of Edith Silver, is of the value of $100 and is open to a deserving woman student entering the Third year of the Faculty. It is awarded by the University Scholarships Committee.

KNIGHTS OF PYTHIAS SCHOLARSHIP.—This scholarship, of $300, is awarded annually to a student in the Social Sciences. It is open on equal terms to men and women. The winner must be a resident of the Island of Montreal, and entering the Third year of the B.A. course. The award may be renewed for a further year if the holder proves to be worthy of such recognition.

DOW-HICKSON SCHOLARSHIPS.—These scholarships were established in 1957 by a bequest from the late Dr. J. William A. Hickson and are awarded to students in the Third or Fourth year who are reading Honours in English Literature, Philosophy, or Psychology. The annual value of these scholarships is not less than $1,000 each.

For other Third year scholarships see also Group III.

FOURTH YEAR SCHOLARSHIPS

GROUP VI

GREENBLATT SCHOLARSHIP.—From the funds left under the will of the late Mrs. Greenblatt, one scholarship of $175 shall be awarded annually in the Faculty of Arts and Science to a student proceeding from the Third to the Fourth year, preference to be given to a student in Modern Languages (other than English) or in History. A committee selected from the Departments of History, German, and Romance Languages will be asked to make a recommendation for this award.

ALEXANDER MACKENZIE SCHOLARSHIP.—One scholarship of the value $250, is awarded annually on the results of the Honours examinations of the Third year in Political Science and is open only to a student who has completed the work of that year. Tenure of the scholarship is conditional upon the holder's taking the Honours work in Political Science of the Fourth year (see also Group V).

PRINCE OF WALES SCHOLARSHIP.—This scholarship of $200 is open annually to students proceeding from the Third into the Fourth year. The award is made for general distinction by the Faculty of Arts and Science on the basis of the students' complete academic records and on the recommendations from the departments in which they have taken their courses.

ANGUS MCCOY SMITH SCHOLARSHIP.—This scholarship of $150, founded by Mr. and Mrs. Allan L. Smith in memory of their son, Angus McCoy Smith, a graduate of the University, who was killed in the Second World War, is awarded annually to a Protestant male student of the Faculty of Arts and Science who is entering the Fourth year. The award is based on academic record, character, financial need, and general promise.

JAMES DARLING MCCALL SCHOLARSHIP.—This scholarship was founded by J. T. McCall, Esq., in memory of his son, James D. McCall, B.Sc., who was drowned shortly after the war of 1914-18, in which he served with distinction. This scholarship is awarded each year to a male student of the Fourth year professing the Christian religion, who is taking Honours in English or in Philosophy or in both these subjects. It is of the value of $300.

SHAKESPEARE SCHOLARSHIP.—This scholarship, of the value of $100, is awarded annually to a student advancing to the Fourth year who has shown special distinction in English Honours courses. The award is made by the Faculty of Arts and Science on the recommendation of the Department of English.

CHARLES WILLIAM SNYDER MEMORIAL SCHOLARSHIPS.—Two scholarships of $200 each, founded by the late L. P. Snyder, Esq., in memory of his son, Charles William Snyder, a student of First year Arts who was killed in the Battle of Sanctuary Wood on June 2nd, 1916, are awarded annually on the results of the sessional examinations. One scholarship will be awarded on the recommendation of the Department of English to a student entering the Fourth year and taking full Honours in English. and the other will be awarded to a student entering the Fourth year and taking Honours in English and another subject. This second award will be made on the recommendation of the Department of English and the other Department concerned in the student's combined Honours programme. These scholarships are open to male students in the Faculty of Arts and Science professing the Christian religion

DOW-HICKSON SCHOLARSHIPS (see page 636).

CANADIAN ASSOCIATION OF TEXTILE COLOURISTS AND CHEMISTS (QUEBEC SECTION) SCHOLARSHIP.—A scholarship of $100 awarded to the student entering the Fourth year who has obtained the highest aggregate standing in the Third year Honours Chemistry course. The award is made by the Scholarships Committee of the Faculty of Arts and Science upon

the recommendation of the Department of Chemistry without restriction as to colour, race, sex or creed, or any consideration given to financial need.

ANNE MOLSON SCHOLARSHIP.—This scholarship of $125 is open only to men and women students in the Physical Sciences proceeding from the Third into the Fourth year. The award is made by the Faculty of Arts and Science on the recommendation of the Departments of Physics, Chemistry, and Mathematics.

MOBIL OIL OF CANADA, LTD. SCHOLARSHIP IN GEOPHYSICS.—This scholarship of $400 in Geophysics or Geology in conjunction with Physics is open to students entering the final year of the Faculty of Arts and Science. It is awarded by the Scholarships Committee of the Faculty of Arts and Science upon the recommendation of the Chairman of the Department of Geological Sciences on the basis of good character, academic standing, ability to cooperate with associates, breadth of interest, initiative, and willingness to assume responsibility.

CALIFORNIA STANDARD COMPANY GEOLOGICAL SCHOLARSHIP.—This scholarship of $400 is awarded annually by the Scholarships Committee of the Faculty of Arts and Science to an outstanding student as an aid to completion of his final year in Geology or Geology and Physics. Preference is given to students showing interest in oil exploration and production.

ROYAL CANADIAN INSTITUTE SCHOLARSHIP.—An undergraduate scholarship of $500 is offered annually by the Royal Canadian Institute. It is intended as an aid in the discovery and development of the young men and women who will become the future workers in science. The scholarship is open to men and women on equal terms and is tenable at any Canadian University at which the candidate is enrolled. Applications will be considered from students in their Third undergraduate year who are enrolled in one of the following courses: Botany, Zoology, Chemistry, Physics, or Geological Sciences. The holder of the award must be qualified to enrol in the final year of his course of studies at the university in which he is enrolled at the time of application. A candidate must not have passed the twenty-first anniversary of his birth on March 31st of the year of application. Application forms may be obtained from the Royal Canadian Institute, 191 College Street, Toronto 2B, Ontario, and must be submitted to the Institute by March 15th of the year of the award.

For other Fourth year scholarships see Group III and Group V.

MEDALS IN ARTS AND SCIENCE

The following medals are awarded to the graduating students who stand highest in the First Class Honours List of the subjects named, provided the Faculty so recommends to Senate:

The Henry Chapman Gold Medal, for Classical Languages and Literature.

The Prince of Wales Gold Medal, for Mental and Moral Philosophy.

The Anne Molson Gold Medal, for Mathematics and Natural Philosophy.

The Shakespeare Gold Medal, for English Language and Literature.

The Logan Gold Medal, for Geology, Mineralogy, and Palaeontology.

The Major Hiram Mills Gold Medal, for Biology.

The Governor-General's Gold Medal, for Modern Languages and Literature.

The Governor-General's Silver Medal awarded to the student standing highest among those graduating "with great distinction" in the general course.

The Lieutenant-Governor's Gold Medal awarded to the student who stands second among those graduating "with great distinction" in the general course.

The Lieutenant-Governor's Gold Medal awarded to the student standing highest among those graduating with great distinction in the B.Ed. course.

The Allen Oliver Gold Medal, for Economics and Political Science (founded by Mrs. Frank Oliver, in memory of her son, the late Allen Oliver, B.A., M.C., Lieutenant, 26th Battery, C.F.A., who was killed in action at the Somme, on November 18th, 1916).

The Lieutenant-Governor's Gold Medal, for History.

The French Government's Bronze Medal for excellence in French in the general or Honours course.

In addition to the above, certain medals are offered annually by the Alliance Française, at the discretion of the Department of Romance Languages.

If there is no candidate for any medal, or if none of the candidates fulfils the required conditions, the medal is withheld, and the proceeds of its endowment for the year may be devoted to prizes in the subject for which it was intended.

PRIZES IN ARTS AND SCIENCE

ANNIE MACINTOSH PRIZE.—The endowment of this prize was contributed by friends and pupils of the late Miss Annie Macintosh and by a special gift of the late Miss I. G. Macintosh. The present value of the prize is $60. It is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

PENHALLOW PRIZE IN BOTANY.—An annual prize of $25, endowed by the Arts Undergraduate Society in 1911, is awarded to the graduating student whose complete record shows the highest first class standing in Botany. At least 4 full courses in the subject must have been taken, and Honours students will receive preference.

HENRY CHAPMAN PRIZE.—A book prize of the value of $25 is given in modern languages (excluding English), or in Hebrew.

CHESTER MACNAGHTEN PRIZES (see page 628).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 628).

CHERRY PRIZES.—Two prizes in books of $50 and $30 each, founded by Wilbur H. Cherry, Arts 1907, and Anna Cherry, Arts 1918, in memory of their father, William Cherry, Med. 1869, and of their brother, William McFie Cherry, Arts 1911, are awarded annually by the Department of Economics and Political Science to students who are, in the opinion of the Department, deserving of such recognition.

PETERSON MEMORIAL PRIZE IN LITERATURE.—This prize, value $50, founded by W. G. Peterson, M.A., in memory of his father, Sir William Peterson, Principal of McGill University from 1895-1918, is awarded to the undergraduate, or graduate, student who in addition to having achieved distinction in English Literature has given evidence of creative literary ability.

DORA FORSYTH PRIZE.—An annual prize of $50 bequeathed by the late Miss Jeanie Forsyth for English Literature. This prize is open to women students only and is awarded to a candidate recommended by the Department of English Language and Literature and approved by the Faculty of Arts and Science.

FANTHAM MEMORIAL PRIZE IN ZOOLOGY.—This prize of $50, endowed by Dr. Annie Fantham in memory of her husband, Professor H. B. Fantham, late Strathcona Professor of Zoology and Head of the Department, is awarded annually to the graduating student who has taken the full honours course in Zoology and who ranks highest of those obtaining first class honours in this subject. The prize is open to men and women.

MADELENE HODGSON PRIZE IN HISTORY.—An annual prize of $15 endowed by the Imperial Order Daughers of the Empire in recognition of the work done by the late Mrs. W. C. Hodgson as President of the Provincial Chapter of Quebec. The prize is awarded to the Third year Honours student in History who in the opinion of the Department of History has done the most outstanding work in this subject.

HISTORICAL SOCIETY'S PRIZE.—This prize is endowed by a fund belonging to the Historical Society. The award is made jointly by the Executive of the

Historical Society and the Chairman of the Department of History to the male undergraduate in the First year who has shown the greatest promise in History and intends to read for Honours in this subject, and is awarded in books.

ANNE MOLSON PRIZE IN CHEMISTRY.—A prize of $100 awarded annually to the student with the highest record among those graduating with First Class Honours in Chemistry.

LOGAN PRIZES IN BOTANY AND ZOOLOGY.—A sum of $50 is awarded annually as a prize or prizes in the Department of Botany and Zoology for original summer collections. Candidates should consult these Departments concerning the collections to be made.

PRIZE OF THE AMBASSADOR OF SWITZERLAND IN CANADA FOR FRENCH.—A prize in books for excellence in the Third year in French Language and Literature.

PRIZE OF THE AMBASSADOR OF SWITZERLAND IN CANADA FOR GERMAN.—A prize in books for excellence in German is awarded by the Faculty of Arts and Science on the recommendation of the Department of German to an undergraduate student whose mother tongue is not German.

GERMAN EMBASSY PRIZE.—A prize in books for excellence in German.

MARION MCCALL DALY PRIZE.—A prize of $125 awarded each year to a woman student who has completed the Second year and is entering the Third year of the Faculty of Arts and Science or the Faculty of Engineering (including Architecture) at the University. The award is made by the University Scholarships Committee in consultation with the President of the McGill Women's Union and another senior woman student chosen by the Committee. In making the award the Committee takes into account (a) the candidate's promise of making a definite contribution to Canadian life, (b) the financial need of the candidate, and (c) the academic record of the candidate.

WOMEN'S PERSONNEL GROUP OF MONTREAL BOOK PRIZE.—A book prize of $20 is awarded to the woman student in the Faculty of Arts and Science obtaining the highest First Class standing in the Third year course in Industrial Relations. The winner is to choose her own books which will then be purchased by the Personnel Group.

BORIS MUSKATOV PRIZE IN PSYCHOLOGY.—An annual prize of $20 in books has been endowed by Miss Serafima Muskatov in memory of her brother, Boris Muskatov, who died on January 9th, 1948, while a student-veteran at Dawson College. This prize is offered to a student who has completed the Third year in the Faculty of Arts and Science and has done the best work in the subject of Psychology. The award is made by the Faculty of Arts and Science on the recommendation of the Department of Psychology after the Third year examination results are known.

PROVINCE OF QUEBEC PSYCHOLOGICAL ASSOCIATION PRIZE.—A prize of $10 offered annually by the Association to a student in the final year. It is awarded on the recommendation of the Department of Psychology to the student who has, in their opinion, done the most distinguished work in Psychology throughout the course.

SOCIETY OF CHEMICAL INDUSTRY PRIZES.—See page 656.

LOAN FUNDS.—See page 629.

For awards open to graduates see page 690.

C. OPEN TO ROYAL VICTORIA COLLEGE STUDENTS

ENTRANCE SCHOLARSHIPS

ROYAL VICTORIA COLLEGE ENTRANCE SCHOLARSHIPS.—Two scholarships of $685 each, open to women only, and conditional on residence in the Royal Victoria College, are offered each year. These are awarded on the results of the McGill School Certificate or Senior School Certificate or other approved examinations and are tenable for one year only. Application forms may be obtained from the Registrar's office.

J. W. MCCONNELL MEMORIAL SCHOLARSHIPS.—See page 612.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS.—See page 612.

GENERAL MOTORS SCHOLARSHIPS.—See page 613.

UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES.—See page 610.

MARGARET WILSON SCHOLARSHIPS.—See page 614.

GEORGE HERRICK DUGGAN MEMORIAL SCHOLARSHIPS.—See page 616.

GEORGE J. MCMANUS MEMORIAL SCHOLARSHIPS.—See page 622.

HON. ROBERT JONES BURSARY.—See page 614.

ROBERT BRUCE SCHOLARSHIP AND BURSARY.—See page 615.

OTTAWA VALLEY GRADUATES' SOCIETY BURSARY.—See page 615.

DUNCAN MCCASKILL SCHOLARSHIP.—See page 620.

SEBA ABBOTT SMITH MEMORIAL SCHOLARSHIP.—See page 615.

CANADIAN PACIFIC RAILWAY SCHOLARSHIPS.—See page 615.

FRANK P. JONES SCHOLARSHIPS.—See page 617.

SCHOLARSHIP GRANTED BY THE GRADUATES' SOCIETY OF THE DISTRICT OF BEDFORD.—See page 619.

NARCISSA FARRAND SCHOLARSHIP.—See page 619.

GRACE FAIRLEY TRAFALGAR SCHOLARSHIP.—See page 619.

ISABELLA C. MACRAE SCHOLARSHIP.—See page 619.

CHRISTIE-STORER SCHOLARSHIP.—See page 620.

SIDNEY J. HODGSON SCHOLARSHIPS.—See page 618.

QUEEN ESTHER CHAPTER NO. 30 ORDER OF THE EASTERN STAR BURSARY.—See page 618.

ADDITIONAL SCHOLARSHIPS AND BURSARIES

For a statement of the scholarships, bursaries, and loan funds open to women students of the University, see pages 622-642.

RESIDENT BURSARIES.—Four resident bursaries in all, of the value of $200 each, are available for outstanding students of the Second, Third and Fourth years who are nominated by the Warden. In exceptional cases one or more of these may be awarded to First year students.

WOMEN'S UNION SCHOLARSHIP.—This scholarship of the value of $275 to $350 is awarded annually by the University Scholarships Committee in consultation with the President of the McGill Women's Union, another senior women, and the Warden of the Royal Victoria College, to a woman undergraduate in any degree course, who has completed at least a year's study on this campus. The award is made to a student with a good second class average, an interest in extra-curricular activities, and financial need. No distinction is made as to nationality, race or creed.

ALPHA OMICRON PI BURSARY.—A Bursary of $50 is given by the Alpha Omicron Pi Mothers' Club for a woman student, resident in Royal Victoria College or non-resident. The award is made on the recommendation of the Warden of the Royal Victoria College to a candidate with good academic standing and financial need.

ROY M. WOLVIN MEMORIAL SCHOLARSHIPS AND BURSARIES (see page 634).

FROTHINGHAM BURSARIES (see page 626).

MONTREAL BRANCH, CANADIAN WOMEN'S PRESS CLUB SCHOLARSHIP (see page 626).

SPECIAL AWARDS ADMINISTERED BY A COMMITTEE OF THE ALUMNAE SOCIETY

MCGILL ALUMNAE SCHOLARSHIPS

The following scholarships have been established by the McGill Alumnae Society and are awarded annually by the Faculty of Arts and Science on the results of the sessional examinations to distinguished women students of the Second, Third, or Fourth year of the Faculty of Arts and Science:

ETHEL HURLBATT SCHOLARSHIP.—Established in memory of the late Miss Ethel Hurlbatt, a former Warden of the Royal Victoria College.

SUSAN CAMERON VAUGHAN SCHOLARSHIP.—Established in honour of Mrs. Walter Vaughan, retired Warden of the Royal Victoria College.

CARRIE DERICK SCHOLARSHIP.—Established in honour of the late Professor Carrie M. Derick, B.A. 1890, M.A. 1890, first woman professor at McGill.

GEORGINA HUNTER SCHOLARSHIP.—Established in memory of the late Georgina Hunter, a member of the first graduating class of women at McGill University, the first President of the Alumnae Society, and a former Principal of the High School for Girls, Montreal.

HELEN R. Y. REID SCHOLARSHIP.—Made possible by a legacy from the estate of the late Dr. Helen R. Y. Reid, B.A. 1889, LL.D. 1921, and awarded by the University Scholarships Committee to a distinguished woman student in faculties other than Arts and Science.

Each scholarship has a maximum value of $300 and a minimum value of $100.

The winners are interviewed by the Alumnae Scholarship Committee and the value of each award will be determined by them. Financial need will in no case affect the decision as to the winner of a scholarship but will influence the amount of the award.

B'NAI B'RITH MOUNT ROYAL WOMEN'S AUXILIARY NO. 257 offers an annual scholarship of $100 to be given to a deserving student of the college in need of this financial assistance, the award to be made by the Scholarship Committee of the Alumnae Society.

ROYAL VICTORIA COLLEGE RESIDENTS' LOAN FUND.—Established in 1932 to assist resident students of the Royal Victoria College. Applications should be made to the Warden.

OTHER LOAN FUNDS.—(see page 629).

ALUMNAE SOCIETY BURSARIES AND LOANS.—In addition to the above, a limited number of bursaries and loans are offered by the Alumnae Society through its Scholarship Committee.

Students interested in bursaries and loans should consult the Warden before the opening of the session.

GENERAL PRIZES

MARION MCCALL DALY PRIZE.—A prize of $125 awarded each year to a woman student who has completed the Second year and is entering the Third year of the Faculty of Arts and Science or the Faculty of Engineering (including Architecture) at the University. The award is made by the University Scholarships Committee in consultation with the President of the McGill Women's Union and another senior woman student chosen by the Committee. In making the award the Committee takes into account (a) the candidate's promise of making a definite contribution to Canadian life, (b) the financial need of the candidate, and (c) the academic record of the candidate.

EDMUND HENRY BOTTERELL PRIZE.—This prize of $160 was established by a legacy from the late Mrs. Florence A. Redpath. Under the terms of endowment, it is to be known as the "Edmund Henry Botterell Prize" and is to be awarded on the recommendation of the Warden to a First year student registered in the Royal Victoria College. For the present the award will be made to a student whose academic interests and record combined with personal qualities indicate marked promise.

PRIZES IN ARTS AND SCIENCE

ANNIE MACINTOSH PRIZE.—The endowment of this prize was contributed by friends and pupils of the late Miss Annie Macintosh and by a special gift of the late Miss I. G. Macintosh. The present value of the prize is $60. It is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

DORA FORSYTH PRIZE.—An annual prize of $50 bequeathed by the late Miss Jeanie Forsyth for English Literature. This prize is open to women students only and is awarded to a candidate recommended by the Department of English Language and Literature and approved by the Faculty of Arts and Science.

WOMEN'S PERSONNEL GROUP OF MONTREAL BOOK PRIZE (see page 641).

See also list of prizes in Arts, Science, Commerce, Architecture, and in all Faculties.

D. OPEN TO STUDENTS IN THE SCHOOL OF COMMERCE

For details of Entrance Scholarships see pages 610 and 612.

For scholarships and bursaries open to undergraduates in all Faculties, see page 622.

SCHOLARSHIPS, BURSARIES, AND PRIZES

PRICE WATERHOUSE & CO. SCHOLARSHIP.—A scholarship of $250, the gift of Price Waterhouse & Co., is awarded annually by a committee consisting of the Principal and Vice-Chancellor, the Director of the School of Commerce, and the Professor of Accounting, to a student in the School of Commerce who is completing his Third year and is proceeding to his final year and plans to continue his studies with a practising firm of chartered accountants. The award will be made to a student with high standing in the Third year examinations whose academic record, ability, and other qualifications are considered to be outstanding. Commerce students in the Third year who wish to be considered should make application to the Director of the School not later than April 15th.

ISAAC BRUCK MEMORIAL SCHOLARSHIPS.—The Bruck Silk Mills presents $500 annually to the University to provide two scholarships in the School of Commerce. The scholarships may be held by the students in the Second, Third, or Fourth year of the School, and are awarded annually without respect to race or sex by the Scholarships Committee of the Faculty of Arts and Science upon the results of the sessional examinations of the School.

PEAT, MARWICK, MITCHELL & CO. SCHOLARSHIP.—This scholarship of $300 is awarded annually to a student with high standing in the Third year of the Accounting option in Commerce who is proceeding to the Fourth year, and who plans to enter articles (on graduation) with a practising firm of chartered accountants. In making the award, consideration will be given to ability, character, and general academic record of the student.

LADDIE MILLEN MEMORIAL SCHOLARSHIP.—A scholarship to the value of $250 has been established by Mr. J. Ernest Millen in memory of his son, Laddie Millen, who was killed in action in the first World War. This prize of $250 will be awarded to the student in any year in Commerce who presents the most satisfactory essay on a topic in the field of Industrial Relations. Students wishing to compete should submit their essays to the Director of the School of Commerce or to the Director of the Industrial Relations Centre on or before April 1st, 1959. The topic for the 1958-59 contest is "The Conciliation of Labour Disputes in Canada."

MONTREAL STOCK EXCHANGE AND CANADIAN STOCK EXCHANGE PRIZE IN ECONOMICS AND FINANCE.—This prize of $100 is offered for an essay written by a student in the final year of the School of Commerce who is enrolled in the Corporation Finance course. The subject of the essay is chosen annually by the Department of Economics in consultation with the Director of the School of Commerce. An award will only be made if the best essay is considered to be First Class. Final selection will be made by a committee consisting of the course lecturer, the Chairman of the Department of Economics, and the Director of the School of Commerce. Further information may be obtained from the course lecturer.

CHARLES S. C. WISDOM BURSARY.—This bursary of $100 was established in 1956 by Mrs. Stuart Albert Wisdom in memory of her late son, Charles S. C. Wisdom who was a graduate of the Royal Military College at Kingston, and of the School of Commerce, McGill University. It is awarded by the University Scholarships Committee in consultation with the Director of the School of Commerce to a deserving student in any of the last three years of the Commerce course. Application should be made on the regular University Bursary form.

SYDNEY S. PAPPELBAUM BURSARY.—A bursary of $100 in memory of the late Captain Sydney S. Pappelbaum, B.Com., 1952, is open to students in Commerce who have completed Second year and are entering Third year, with no restriction as to race, creed, or colour. It is awarded by the University Scholarships Committee. Students who wish to be considered should make application to the Registrar on the regular University Bursary application form.

F. W. SHARP PRIZE IN ACCOUNTANCY AND MATHEMATICS.—This prize of $50 will be awarded at the end of the Fourth year to the best student in Accountancy, Business Organization, and Mathematics.

CLARKSON GORDON PRIZE.—A prize of $50 to be awarded at the end of the Fourth year to the student who obtains the highest standing in Accounting and Auditing.

JOSEPH H. JACOBS PRIZE.—The sum of $650 was received from the executors of the estate of the late Joseph H. Jacobs. The annual revenue from this bequest, which is approximately $25, will be awarded as a prize for Second year Accountancy.

PROFESSOR R. R. THOMPSON MEMORIAL PRIZE.—Established in honour of the late Professor R. R. Thompson by the Class of Commerce 1925, this Prize of $50 is awarded annually to the Third year student in Commerce with the highest standing in examinations in Accounting and Auditing. It is awarded by the Scholarships Committee of the Faculty of Arts and Science on the recommendation of the Director of the School of Commerce.

CHESTER MACNAGHTEN PRIZES (see page 628).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 628).

MEDALS

SIR EDWARD BEATTY MEMORIAL MEDAL.—A gold medal endowed by the late Sir Edward Beatty, former Chancellor of the University, is awarded to the student in the School of Commerce who attains the highest distinction in Economics. At present, it is awarded on the basis of the aggregate marks for the three full year courses, Principles of Economics (or Honours alternatives), Money and Banking, and Economic Analysis (or Honours alternatives).

LIEUTENANT-GOVERNOR'S MEDALS.—A gold medal and a silver medal have been offered to the School of Commerce by His Honour the Lieutenant-Governor of the Province of Quebec, the gold medal for the student with the highest average throughout the last three years of study; the silver medal for the one who has the second highest average throughout the last three years of study.

LOAN FUNDS

COMMERCIAL SOCIETY LOAN FUND.—A fund has been established by the Commercial Society to be known as "The Commercial Society Loan Fund," for the purpose of aiding each year one or more students of the School of Commerce who are entering their Fourth year, to complete their course. Loans from this Fund are repayable within two years after graduation. Application should be made to the Director of the School of Commerce.

MORTON J. WHITE LOAN FUND.—Established in 1957 by a bequest from the late Morton J. White, to assist deserving students of the School of Commerce. Applications should be made to the Student Counsellor, Arts Building.

OTHER LOAN FUNDS (see page 629).

E. OPEN TO STUDENTS IN THE FACULTY OF ENGINEERING

(Including Architecture)

For scholarships and bursaries open to undergraduates in all Faculties see page 622.

GENERAL REGULATIONS IN ENGINEERING

1. Only students in regular undergraduate standing are eligible for scholarships.

2. Scholarships will be awarded only if an adequate standard is attained.

ENTRANCE SCHOLARSHIPS

WORKMAN STUDENTSHIP.—The University accepts one nomination each year for a full course in Mechanical Engineering from the executors of the estate of the late Thomas Workman, provided the student nominated

(1) is a resident of Quebec,

(2) has obtained in the examinations qualifying for admission to the University the standard required by the Scholarships Committee for University Scholarships or Bursaries.

For other entrance scholarships see pages 610 and 612.

SCHOLARSHIPS AND BURSARIES

UNIVERSITY SCHOLARSHIPS (see page 608).

ROY M. WOLVIN MEMORIAL SCHOLARSHIPS AND BURSARIES.—Two scholarships of $375 each and a number of bursaries are given by Mrs. Roy M. Wolvin in memory of her husband. One scholarship is restricted to men undergraduates in the Faculty of Engineering and one is restricted to women undergraduates in the Faculty of Arts and Science. These two awards are made by the Faculty Scholarships Committees on the basis of the results of the sessional examinations. The bursaries are open to students in any undergraduate faculty who have a good academic record and need financial assistance. Application for the bursaries must be made on the regular University Bursary application form, to the Registrar.

CANADIAN PITTSBURGH INDUSTRIES SCHOLARSHIP.—This scholarship of $250 is awarded to a student in the Fifth year of the School of Architecture who has submitted the best solution of a design problem in which glass is a major item. The judges are a committee of the staff of the School of Architecture or practising architects.

†SIR WILLIAM DAWSON SCHOLARSHIP.—A Sir William Dawson Scholarship, given by the New York Graduates' Society; value $60; open also to students in Arts and Science (see page 634).

ANGLIN BURSARY.—This bursary of $250 was established by the late Mrs. Anglin in memory of her husband, the late Mr. J. P. Anglin, B.Sc., 1906. Applications should be made to the Dean of the Faculty.

HON. ROBERT JONES BURSARY.—This bursary of $120 per annum, is granted "from time to time to some needy student for the full term of study in the Faculty of Arts and Science or Engineering." The bursary is continued until the holder graduates if his academic standing is entirely satisfactory. Applications should be made to the Dean of the Faculty.

†*Not to be awarded until further notice.*

BURSARY OF THE CORPORATION OF PROFESSIONAL ENGINEERS.—The Corporation of Professional Engineers presents annually a bursary of the value of $200, tenable by a student in the Fourth or Fifth year of the Faculty of Engineering, and awarded by the Faculty.

BAYLIS SCHOLARSHIP.—Founded in memory of Mr. and Mrs. James Baylis, of Montreal, and having an annual value of $100, this scholarship is awarded to some student entering the Third year who is in need of financial assistance. The scholarship will be continued during the Fourth and Fifth years, if the standing of the student continues to be satisfactory. Application should be made through the Dean of the Faculty.

DOUGLAS TUTORIAL BURSARIES.—The late Dr. James Douglas, who was a member of the Board of Governors, provided for ten or more tutorial bursaries of approximately $100 per annum in the Faculty of Engineering. In assigning these, the circumstances of the applicants as well as their academic standing are considered. These bursaries carry the obligation of giving tutorial instruction equivalent to one evening a week. Students in the Fourth and Fifth years of Engineering are eligible. Written application should be made to the Dean's Office on or before October 15th.

RICHARD S. LEA TUTORIAL BURSARIES.—The late Mrs. Wanda Lea, widow of the late Richard S. Lea, Consulting Engineer and graduate in Applied Science of McGill University, provided a fund of $5,000, the revenue of which is to be used in aid of students who distinguish themselves in the Faculty of Engineering. The revenue will be used to provide two bursaries of $100 per annum to be given to suitable students in their last two years of Engineering, the bursaries carrying the obligation to give tutorial instruction equivalent to one evening a week. Written application should be made to the Dean's Office on or before October 15th.

H. M. MACKAY MEMORIAL SCHOLARSHIP.—This scholarship, established in 1932 as a memorial to the late Henry M. Mackay, formerly Dean of the Faculty of Engineering, will be awarded to a student of British citizenship who has completed the Second year in Engineering and intends to enter the Third year in September. A committee appointed by the Faculty selects the scholar, having in mind the results of the Second year sessional examinations, general character, industry, and other qualities desirable in an engineer. The value of the scholarship is $125. Payment is withheld if the scholar's progress is unsatisfactory.

JENKINS BROS., LTD., SCHOLARSHIP.—Supported by Messrs. Jenkins Bros., Ltd., and having an annual value of $200, this scholarship is open to all Engineering students entering the Fifth year in September and is awarded on the basis of academic standing and personality.

ALASKA PINE & CELLULOSE LIMITED SCHOLARSHIP.—This scholarship of $500, offered annually by Alaska Pine & Cellulose Limited, is available to students entering the final year of Chemical Engineering. The award will be made to a student whose record in the academic and practical work of the Fourth year Chemical Engineering is outstanding.

DOW CHEMICAL OF CANADA LIMITED SCHOLARSHIP.—Dow Chemical of Canada Limited has established a scholarship of $500 for a student in the final year of Chemical Engineering. The award is made by the Scholarships Committee of the Faculty of Engineering on the recommendation of the Chairman of the Department of Chemical Engineering, subject to the following conditions: (1) the student must have a sincere interest in the Chemical Industry; (2) the student must be in the upper half of the class; (3) the student must demonstrate some leadership in extracurricular activities; (4) the student must be "personable"; (5) the student must not hold another scholarship.

KENNECOTT COPPER CORPORATION SCHOLARSHIPS.—Two scholarships of $500 each have been established by the Kennecott Copper Corporation and are open to students who have completed their Third and Fourth years in Metallurgical Engineering at McGill University. Eligible students must meet the following qualifications: (a) Proficiency in studies; (b) Enthusiasm, leadership, cooperativeness, initiative, ambition; (c) Good health and sturdy constitution; (d) Financial need. Further information may be obtained from the Chairman of the Department of Metallurgical Engineering.

WILLIAM HENRY HOWARD SCHOLARSHIPS.—Three scholarships of $400 each were established in 1955 from the estate of the late Mrs. Florence P. Howard in memory of her husband. The scholarships are open to undergraduate and graduate students in Metallurgy, Chemical Engineering and Geology, and are awarded by the University Scholarships Committee upon the recommendations of the Departments concerned on the basis of scholastic ability and general promise. The scholarships may be renewed upon the recommendations of the Departments concerned.

CALIFORNIA STANDARD COMPANY ENGINEERING SCHOLARSHIP.—This scholarship of $400 is awarded annually by the Scholarships Committee of the Faculty of Engineering to an outstanding student as an aid to completion of his final year in Petroleum Engineering, Mining Engineering, Mechanical Engineering, Chemical Engineering, or Civil Engineering. Preference is given to students showing interest in oil exploration and production.

ALUMINUM COMPANY OF CANADA SCHOLARSHIPS.—Three scholarships of $400 each are open annually to students in the Faculty of Engineering or to Honours students in the Faculty of Arts and Science or other faculties providing graduates in subjects of interest to the aluminum industry. The

scholarships will be awarded by the University Scholarships Committee upon the recommendation of the faculties concerned on the basis of financial need, character, and ability.

NEVIL NORTON EVANS SCHOLARSHIP—This scholarship of $100 a year was established in 1937 by graduates of the Faculty of Applied Science (Engineering) to commemorate the work of Professor Nevil Norton Evans, formerly Professor of Chemistry. It is open to students in the Faculty of Engineering who show outstanding ability in Chemistry. The award will be made by the Faculty of Engineering and the Department of Chemistry.

STUART ALBERT WISDOM MEMORIAL SCHOLARSHIP.—This scholarship of $200 was established in 1953 by Mrs. Stuart Albert Wisdom as a memorial to her late husband who graduated from McGill University in 1909 with the degree of B.Sc. (Mining and Metallurgy), and to commemorate his outstanding contributions to the field of metallurgy and, in particular, his invention of the process for the manufacture of acetylene black. The scholarship is awarded by the Faculty Scholarships Committee on the recommendation of the Department of Metallurgical Engineering to a student entering the Fifth year of Metallurgical Engineering who has shown high scholastic ability and engineering promise.

GORDON SPROULE MEMORIAL SCHOLARSHIP.—The Montreal Chapter of the American Society for Metals offers a scholarship of $200 to a student in the Fourth year of the Metallurgical Engineering course. This scholarship has been established in memory of Gordon Sproule, a member of the staff of the Department of Metallurgical Engineering from 1918 to 1953, as a token of his ability and in appreciation of his many services to the Society. The award is made by the Scholarships Committee of the Faculty of Engineering on the recommendation of the Department of Metallurgical Engineering to a student of creditable academic standing, of engineering promise, and who has need of financial assistance.

AMERICAN SOCIETY FOR METALS FOUNDATION FOR EDUCATIONAL RESEARCH SCHOLARSHIP.—A scholarship of $400 is given annually by the American Society for Metals Foundation for Educational Research to attract competent students into the study of Metallurgy. The scholarship is awarded by the Chairman of the Department of Metallurgical Engineering to a student of distinguished ability and engineering promise registering in the Third Year of the course in Metallurgical Engineering.

CANADIAN INSTITUTE OF MINING AND METALLURGY SCHOLARSHIP.—The Montreal Women's Auxiliary of the Canadian Institute of Mining and Metallurgy has established an annual scholarship of $300 open to undergraduate or graduate students in Geology, Metallurgical Engineering, Mining Engineering, or allied subjects.

GEORGE HERRICK DUGGAN MEMORIAL SCHOLARSHIPS (see page 616).

HEWITT EQUIPMENT LIMITED SCHOLARSHIP.—This scholarship of $250 is awarded annually by the Faculty of Engineering to a student in the Fourth or Fifth year in any division of the engineering course. If awarded to a Fourth year student it is renewable if satisfactory standing is maintained. The award is made on the basis of academic standing and engineering promise. In the event that candidates are equal on the above basis, financial need can be considered. Preference is given to students interested in road construction or similar work connected with the Pulp and Paper Industry. No applications are required.

IRON ORE COMPANY OF CANADA SCHOLARSHIPS.—Iron Ore Company of Canada has established two scholarships of $500 each, one for students entering the Fourth year and one for students entering the Fifth year of the Mining Engineering course. The scholarships are awarded by the Scholarships Committee of the Faculty of Engineering on the recommendation of the Chairman of the Department of Mining Engineering on the basis of academic ability, personality, need, and general suitability for a career in mining.

AMERICAN SMELTING AND REFINING COMPANY SCHOLARSHIP.—This scholarship of $500 has been established by the American Smelting and Refining Company for a student in Mining Engineering. The award is made by the Scholarships Committee of the Faculty of Engineering on the recommendation of the Chairman of the Department of Mining Engineering and is based on academic ability, need, personality, and general suitability for a career in the mineral industry. The scholarship is limited to citizens of Canada, the United States, and Mexico, unless an exception, approved by the Company, should be made.

MOBIL OIL OF CANADA, LTD. SCHOLARSHIP IN ENGINEERING.—This scholarship of $400 is open to students entering the final year of Mining or Civil Engineering, with preference being given to Mining Engineering. It is awarded by the Scholarships Committee of the Faculty of Engineering upon the recommendations of the Departments concerned on the basis of good character, academic standing, ability to cooperate with associates, breadth of interest, initiative, and willingness to assume responsibility.

ORENDA ENGINES LIMITED SCHOLARSHIPS.—Three scholarships of $500 each have been established by Orenda Engines Limited, Toronto, Ontario, for students having completed the Second, Third, or Fourth year in Chemical, Civil, Electrical, Mechanical, Metallurgical Engineering, or Engineering Physics. One scholarship will be awarded in each of the Third, Fourth, and Fifth years on the basis of high academic standing with preference being given to students who show initiative and leadership qualities. The

scholarships are not necessarily renewable, but three scholarships will be awarded in each session. The holders of these scholarships may hold other monetary awards of the annual value of not more than $100.

JOHNSON'S WAX SCHOLARSHIP,—A scholarship of the total value of $1,800 ($600 a year for three years) is awarded each year to a student who has completed the Second year in the Faculty of Engineering and is entering the Third year course in Chemical Engineering. This scholarship is awarded by the Faculty of Engineering and will be renewed until the holder graduates provided his or her academic standing is sufficiently high. The award is made mainly on the basis of academic standing but the general qualifications of the candidates for the engineering profession and their need for financial help shall also be considered. No applications are necessary.

BOND METAL FINISHERS LIMITED SCHOLARSHIP.—This scholarship of $750 has been established by Bond Metal Finishers Limited for a student entering the Third year of Metallurgical Engineering. The award, which may be divided, is made by the Scholarships Committee of the Faculty of Engineering on the recommendation of the Chairman of the Department of Metallurgical Engineering. The student must be in the Third year of Metallurgical Engineering, must have a good academic record and show definite promise of general success as an engineer.

R. C. E. MEMORIAL SCHOLARSHIPS.—These Scholarships of $125 each have been established by the Royal Canadian Engineers and are tenable for one year at a number of universities throughout Canada. One award is open to students at McGill University who have successfully completed their second-to-last year in the courses leading to the degree of Bachelor of Engineering or Bachelor of Architecture. Candidates must be members in good standing of the C.O.T.C. and must have successfully completed at least one summer season's training with such unit or as a member of such unit. R.O.T.P. members and ex-members of the C.O.T.C. who have successfully completed three years of C.O.T.C. training and have transferred to the Canadian Army (Militia) or (Supplementary Reserve) are also eligible. Academic standing, qualities of leadership, and participation in C.O.T.C. and student activities are taken into consideration in making this award. Candidates must be recommended by the University. Further information and application forms may be obtained from the Registrar's office. Applications must be submitted to the Registrar by March 15th.

PROVINCE OF QUEBEC MINING BURSARIES.—Each year the Department of Mines of the Province of Quebec offers a number of bursaries to enable students to take a university course in mining engineering or metallurgical engineering. The maximum annual value of these scholarships is $650

for a student who has to live away from home in order to attend the University, and $400 for a student who can live at home. Candidates must be Canadians and have lived for at least five years in the Province of Quebec. Further information may be obtained from the Registrar's Office. These bursaries are also open to graduate students in Metallurgy, Mining Engineering, and Geology.

A. F. BYERS BURSARY.—This Bursary of $300 is awarded by the University Scholarships Committee on the recommendation of the Scholarships Committee of the Faculty of Engineering to a student in Engineering who has a good academic record and has need of financial assistance. It is renewable annually until the holder graduates provided he maintains a satisfactory academic standard and continues to need financial help. Applications should be made to the office of the Dean.

For information concerning bursaries open to undergraduates in all Faculties see page 622.

PRIZES AND MEDALS

BRITISH ASSOCIATION PRIZES.—Two British Association prizes of $40 and $20 are awarded to the students obtaining the highest, and the second highest aggregate marks, respectively, in the sessional examinations in Calculus and Mechanics of the Third year.

SCOTT EXHIBITION.—A Scott exhibition of $35, founded by the Caledonian Society of Montreal, in commemoration of the centenary of Sir Walter Scott, and a British Association prize of $20, are awarded to the students obtaining the highest, and the second highest aggregate marks, respectively, in the sessional examinations in Mathematics, Mechanics, Descriptive Geometry, and Physics of the Second year.

CORPORATION OF QUEBEC LAND SURVEYORS PRIZE.—A prize of $25 open to students in Civil Engineering and awarded at the end of the Fourth year by the Corporation of Quebec Land Surveyors to the student obtaining the highest standing in the subjects of the undergraduate courses in engineering comprising Surveying, up to the end of the Fourth year.

ANGLIN-NORCROSS PRIZE.—A prize of $25, presented by the Anglin-Norcross Corporation Limited, awarded to the student obtaining the highest mark in Architectural Drawing in the Second year of the School of Architecture. This award is granted only to students whose record enables them to proceed to the next higher year.

ANGLIN-NORCROSS PRIZE.—A prize of $25, presented by the Anglin-Norcross Corporation Limited, awarded to the student obtaining the highest marks in the Fourth year course in Design of Buildings (Design A) in the School of Architecture.

SOCIETY OF CHEMICAL INDUSTRY STUDENT PRIZES.—Two Montreal Prizes of $50 and $25 are offered by the Canadian Section of the Society of Chemical Industry to be competed for annually by bona-fide undergraduate students of McGill University, the University of Montreal, Macdonald College, and the Ecole Polytechnique. The papers shall be on a chemical subject coming under one of the following groups: (a) original laboratory work or original plant work; (b) original literature review; (c) critical study of plants and plant operations or chemical processes; (d) critical study of laboratory procedures; (e) any other subject (chemical) involving originality. Entries must be submitted to the Secretary, Canadian Section, Society of Chemical Industry, Room 800, 420 Lagauchetiere St. West, Montreal, not later than April 1st of each year.

INSTITUTE OF RADIO ENGINEERS PRIZES.—Each year two prizes will be offered to students of McGill and other approved universities for the best papers on radio engineering or some closely allied subject. The first prize is $25 and the second prize is a student membership in the Institute of Radio Engineers for a period of two years. Essays, which may be written in French or English, must reach the office of the Dean of the Faculty of Engineering not later than the 30th of November.

CHESTER MACNAGHTEN PRIZES (see page 628).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 628).

MCCHARLES PRIZE.—This prize of $1,000, gift of the late Aeneas McCharles, is given for the discovery of improved methods of treating Canadian ores or minerals, for the development of new life-saving devices in the power and light industry, or for notable achievement in scientific research in any useful practical line, and is open to any Canadian. Further information may be obtained from the Registrar's Office.

BRITISH ASSOCIATION MEDAL.—This medal is open for competition to students of the graduating class in each of the Engineering courses, and, if the examiners so recommend, will be awarded to the student taking the highest position in the final examinations. The British Association Medals were founded by the British Association for the Advancement of Science in commemoration of its meeting held in Montreal in 1884.

ERNEST BROWN GOLD MEDAL.—This medal was founded by the late Mrs. Ernest Brown in 1952 in memory of her husband the late Ernest Brown, M.Sc., M.Eng., D.Eng., Dean of the Faculty of Engineering from 1930 to 1942. It is awarded to the student in the graduating class in any of the Departments of Engineering who has shown the highest ability throughout his undergraduate course. In making the award, while academic standing is of primary importance, account is also taken of qualities of leadership and ability to work with others.

CHARLES MICHAEL MORSSEN GOLD MEDAL.—This medal was established by Mrs. C. Michael Morrsen in memory of her husband, Charles Michael Morssen, a benefactor of the Faculty of Engineering for many years. It is awarded to a student of high academic standing and exceptional engineering promise in the graduating class in any of the Departments of Engineering.

LIEUTENANT-GOVERNOR'S GOLD MEDAL.—Awarded to the student ranking highest in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

LIEUTENANT-GOVERNOR'S SILVER MEDAL.—Awarded to the student obtaining the second place in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

ROYAL ARCHITECTURAL INSTITUTE OF CANADA MEDAL.—A medal is offered annually to the student who has completed the entire course at a recognized School of Architecture, has obtained high marks throughout his course, and who gives promise of being an architect of distinction after graduation. British subjects only are eligible for this award.

LOUIS ROBERTSON PRIZE.—Founded by Mr. and Mrs. John A. Robertson, in memory of their son, John Louis Armour Robertson, who was killed in the Great War on July 18th, 1916, to be awarded in the form of books to the graduating student who ranks highest in Design in the final year of the School of Architecture.

PHILIP J. TURNER PRIZE.—A prize of $70 presented by Mr. A. B. Darbyson, a graduate in the School of Architecture of the Class of 1915, to the student obtaining the highest marks in Building Construction of the Third year course in Architecture.

ROBERT FORSYTH PRIZE IN CIVIL ENGINEERING.—Under the will of the late Miss Jeanie Forsyth a prize of $40 is awarded each year, if the examiners so recommend, to a "worthy and needy" student of the graduating class who secures high standing in the subjects of Theory of Structures and Strength of Materials.

ELECTRICAL MANUFACTURING CO. LTD. PRIZE.—The Electrical Manufacturing Co. Ltd. of Montmagny, Quebec, offers a prize of $25 to the top ranking graduating student in the Power Option of the Electrical Engineering course. This prize is awarded by the Department of Electrical Engineering.

PRIZES FOR SUMMER ESSAYS

ENGINEERING INSTITUTE OF CANADA PRIZES.—The Engineering Institute of Canada offers each year a prize of books or instruments to the value of $25 for the best paper in any branch of engineering received from an

English-speaking Junior of the Institute in the Province of Quebec. This prize is known as the Phelps Johnson Prize; another of the same value, the Ernest Marceau Prize, is awarded for the best paper in French. Similar prizes are open to those located in other provinces. The successful papers become part of the literature of the Institute and place the authors in prominent touch with the engineering profession. Further particulars may be obtained from L. Austin Wright, General Secretary, 2050 Mansfield Street, Montreal.

ENGINEERING INSTITUTE OF CANADA PRIZE.—The Engineering Institute of Canada also offers each year a prize of $50 to the student of the Fourth year whose standing, considered in combination with his activities in student engineering organizations, is, in the opinion of the Faculty, most meritorious.

CANADIAN INSTITUTE OF MINING AND METALLURGY PRIZES.—Two prizes, one of $50 and one of $25, for, respectively, the first and second best essay prepared by undergraduate students before receiving a Bachelor's degree on a subject appropriate to any one of the Institute's Technical Divisions, namely the Coal Division, the Geology Division, the Industrial Minerals Division, the Metallurgy Division, the Metal Mining Division, and the Petroleum and Natural Gas Division.

UNDERGRADUATE SOCIETY'S PRIZES.—Three book prizes to the value of $10 are given by the Undergraduate Society of the Faculty of Engineering for the best summer essays submitted by students in the Fourth and Fifth years.

In addition, two book prizes to the value of $10 are given by the Society for summer essays submitted by students entering the Third year.

The following regulations apply: (1) the Faculty will correct and grade the summer essays in the usual way, (2) when the classification is completed a list of those essays worthy of consideration by the Prize Committee will be posted, (3) essays awarded prizes will *ipso facto* become the property of the Engineering Undergraduate Society and will be bound by the Society and kept in the Engineering Library, and (4) a notice, to accompany the list of essays considered, will be posted stating that among the students considered those wishing to compete for the prizes should signify their intention to do so by writing to the Faculty, mentioning clearly that they accept condition No. 3.

JAMES DICKIE HALL PRIZES.—Two prizes were established by Oliver Hall in memory of his son, James Dickie Hall, lost near Cannes in June 1944, in an air battle between four R.C.A.F. and more than ninety enemy planes. These prizes of $50 each, one in Mining and one in

Metallurgy, are open to students entering the Fourth or Fifth years of these courses and are awarded for the best summer essay in each department. Prizes will not be awarded unless the essays are of high quality.

TURNBULL ELEVATOR COMPANY LIMITED PRIZES.—Four prizes of $62.50 each have been provided by the Turnbull Elevator Company Limited of Toronto for students of the School of Architecture who submit the best summer essays in their particular year.

AMERICAN SOCIETY OF HEATING AND AIRCONDITIONING ENGINEERS PRIZE.—This prize of $25 and a copy of the A.S.H.A.E. Guide is awarded by the Department of Mechanical Engineering for the best summer essay in Mechanical Engineering on Heating and Air Conditioning topics.

QUEBEC ROAD BUILDERS ASSOCIATION PRIZE.—A prize, or prizes, totalling $150, is offered annually by the Quebec Road Builders Association to the student or students submitting summer essays as part of their regular assignments and who select a topic related to the soil engineering aspects of road building.

LOAN FUNDS

GEORGE HENRY FROST FUND.—Founded by the late G. H. Frost, B.Sc. 60, to aid students who, when commencing the work of the Fourth year or a subsequent year in the Faculty of Engineering, require financial assistance. In making loans from this fund the academic standing of the applicants is considered. Applications should be made to the Dean.

WADDELL LOAN FUND.—Founded by the late J. B. Waddell, Esq. Loans are made under the same conditions as apply to the George Henry Frost Fund, except that the benefits are available to graduate students as well as to undergraduates. Applications should be made to the Dean.

CANADIAN INSTITUTE OF MINING AND METALLURGY LOAN FUND.—Founded by the Montreal Women's Auxiliary of that organization for the assistance of Engineering students in Mining, Metallurgy, Geology, and allied subjects. Applications should be made to the Dean.

BENNETT EDUCATIONAL FUND.—Students in Engineering are eligible for loans from the Bennett Educational Fund of the Engineering Institute of Canada. Application forms may be obtained from the Office of the Dean. Loans from this fund are made normally only to students in upper years.

ISABELLA MCLENNAN BURSARY AND LOAN FUND.—Established in 1950 by Miss Isabella McLennan to aid students in the School of Architecture. Applications should be made to the Dean of the Faculty of Engineering.

SCIENCE '25 MEMORIAL LOAN FUND.—Established in 1955 by the Class of Science '25 to provide loans for undergraduate students in Engineering. Applications should be made to the Dean.

OTHER LOAN FUNDS (see page 629).

For awards open to Graduate Students see page 692.

F. OPEN TO STUDENTS IN THE FACULTY OF MEDICINE

For scholarships, bursaries, and loan funds open to undergraduates in all faculties see page 622.

MEDALS

HOLMES GOLD MEDAL.—Founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, M.D., LL.D., sometime Dean of the Faculty of Medicine, this medal is awarded to the student graduating with the highest aggregate number of marks in the different branches comprised in the medical curriculum.

The student who wins the Holmes Medal has the option of exchanging it for a bronze and the money equivalent of the gold medal.

WOOD GOLD MEDAL.—Founded by Casey A. Wood, M.D., LL.D., this medal is awarded to the student graduating with the highest aggregate number of marks in the oral and practical examinations in the clinical subjects of the Final year. The winner of the Holmes Medal is ineligible for this medal.

SUTHERLAND GOLD MEDAL.—This medal, founded in 1878 by the late Mrs. Sutherland in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in this Faculty, is awarded for the best examination in Biochemistry, together with a creditable examination in the primary branches.

LIEUTENANT-GOVERNOR'S GOLD MEDAL.—This medal is awarded to the student of the final year who, in the opinion of the Chairman of the Department of Health and Social Medicine, is most proficient in that subject.

LIEUTENANT-GOVERNOR'S SILVER MEDAL.—This medal is awarded to the student who obtains the highest standing in the final examination in Physiology.

WALTER CHIPMAN GOLD MEDAL.—This medal, founded by the late Max Strean in honour of Dr. W. W. Chipman, is awarded to the student obtaining the highest aggregate standing in Obstetrics and Gynaecology throughout the medical course.

PRIZES

JOSEPH HILS PRIZE.—(Founded by the late Dr. Joseph Hils, of Woonsocket, R.I.)—A prize in books, awarded to the student who obtains the highest number of marks in the subject of Pharmacology.

JOSEPH MORLEY DRAKE PRIZE.—(Founded by the late Joseph Morley Drake, M.D.)—A prize of $50 in books, to be awarded to the student who obtains the highest number of marks at the final examination in Pathology.

PRIMARY PRIZE.—A prize in books awarded for the best aggregate standing in the subjects of the first two years.

F. SLATER JACKSON PRIZE.—A prize of $35 founded by Mr. and Mrs. H. F. Jackson in memory of their son, the late F. Slater Jackson, M.D. The prize is awarded to the student who obtains the highest standing in the final examinations in Histology.

SAMUEL ROSENFELD PRIZE.—A prize of $50 for the highest standing in Bacteriology and Immunology.

PRIZE IN MEDICAL JURISPRUDENCE AND TOXICOLOGY.—This prize of $40 was established in 1954 and is awarded to the student who obtains the highest standing in Medical Jurisprudence and Toxicology.

ALEXANDER D. STEWART PRIZE.—An annual prize in books, founded by the late W. Grant Stewart (Arts 1885, Med. 1888) in memory of his brother, the late Alexander D. Stewart (Med. 1888), to be awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every respect the highest qualifications to practise his profession.

ROBERT FORSYTH PRIZE.—Under the will of the late Miss Jeanie Forsyth a prize of $40 is awarded each year to a student who, upon graduation, has shown particular ability in all branches of Surgery.

CAMPBELL KEENAN MEMORIAL PRIZE IN CLINICAL SURGERY.—An annual prize of $50 has been established by Miss Charlotte Mildred Hagar in memory of the late Dr. Campbell B. Keenan. The prize will be awarded to the student in the graduating class who has shown the highest proficiency in Clinical Surgery as determined by the Chairman of the Department of Surgery. The winner of the Robert Forsyth Prize in Surgery is ineligible for this award.

JOHN MUNRO ELDER PRIZE.—An annual prize of $25 founded in 1935 by Aubrey H. Elder, Q.C., in memory of his father, John M. Elder, C.M.G., M.D., C.M., sometime Assistant Professor of Surgery in the Faculty. The prize is awarded to the student who obtains the highest standing in the final examinations, written and oral, in Anatomy.

CAMPBELL HOWARD PRIZE IN CLINICAL MEDICINE.—An annual prize of $50 founded by Mrs. Campbell Howard, in memory of her husband, the late Dr. Campbell P. Howard, Professor of Medicine at McGill University. The prize is awarded to the student who shows the most consistent excellence in his written case reports in the subject of Clinical Medicine.

COLLEGE OF PHYSICIANS AND SURGEONS OF THE PROVINCE OF QUEBEC PRIZE IN MEDICINE AND PATHOLOGY.—This prize of $100 is awarded to the student who obtains the highest standing in the final examinations in Medicine and Pathology. The recipient of this prize must be registered as a student in Medicine with the College of Physicians and Surgeons of the Province of Quebec.

COLLEGE OF PHYSICIANS AND SURGEONS OF THE PROVINCE OF QUEBEC PRIZE IN PAEDIATRICS.—This prize of $100 is awarded to the student who obtains the highest standing in the final examination in Paediatrics. The recipient of this prize must be registered as a student in Medicine with the College of Physicians and Surgeons of the Province of Quebec.

MONA BRONFMAN SHECKMAN PRIZE.—Awarded to the student who obtains the highest standing in Psychiatry in the final year.

ELECTRODESIGN PRIZE.—A prize of $25 for the highest standing in the Physiology section of the Second year course in Anatomy and Physiology of the Central Nervous System.

PRIZE IN PSYCHIATRY.—This prize of $50 in books is awarded annually to the Third year Medical student who, in the opinion of the Awards Committee of the Department of Psychiatry, submits the best essay upon a subject to be set each year.

CHESTER MACNAGHTEN PRIZES (see page 628).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 628).

SCHOLARSHIPS AND BURSARIES

UNIVERSITY SCHOLARSHIPS (see page 608).

FREDERICK SMITH MEMORIAL SCHOLARSHIP.—One University Scholarship known as the Frederick Smith Memorial Scholarship is awarded only to students in the Faculty of Medicine.

DR. MAUDE E. SEYMOUR ABBOTT SCHOLARSHIPS.—Established in 1938 by an anonymous donation of $10,000 in honour of the late Maude E. Seymour Abbott, B.A., M.D., F.R.C.P. (Canada), LL.D. (McGill), to commemorate her distinguished work in connexion with the history of Canadian medicine, the Sir William Osler Pathological Collection, and her outstanding research in congenital cardiac disease.

The revenue of this fund is used for the provision of scholarships to be awarded by the University to an undergraduate in the Faculty of Medicine. While men and women are both eligible for the awards, women candidates will be given the preference. The amount of the awards will vary according to the needs of the winners. Applications in writing must reach the Secretary of the Faculty before June 30th.

J. H. B. ALLAN SCHOLARSHIP.—This scholarship of $400 is available to undergraduate students in any year and is awarded by the Scholarships Committee of the Faculty of Medicine on the basis of scholarship and financial need. No application is required.

WALTER J. HOARE MEMORIAL SCHOLARSHIP.—This scholarship was endowed by the late Dr. Charles W. Hoare, a graduate of McGill University, in memory of his son, Walter J. Hoare, who was killed in World War I. It is open annually to pupils of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine. If there are no qualified candidates in this preferred class, the scholarship may be awarded to another candidate nominated by the Faculty of Medicine. Applications in writing must reach the Secretary of the Faculty before June 30th.

JAMES GRAHAME KER AND FREDERICK K. PETRIE MEMORIAL SCHOLARSHIP.—This scholarship of $400 is awarded annually to the student from Eastern Ontario (Counties of Dundas, Stormont, Glengarry, Grenville, Carleton, Russell, and Prescott) or from the city of Montreal, who, in the examinations of the First year of the medical course secures the highest academic standing. The Faculty of Medicine may, however, if they see fit, award this scholarship to the same student during the Third and Fourth years.

KEITH HUTCHISON MEMORIAL SCHOLARSHIPS.—In memory of the late Dr. Keith Hutchison, two scholarships have been established in the Faculty of Medicine. Their normal value is $400 each per annum, but this is subject to adjustment at the Faculty's discretion in the light of the holder's financial needs. The scholarships are tenable in any year of the course and will be awarded on the basis of distinguished academic standing and financial need. The holder of a scholarship in any one session is eligible to re-apply for the following year. Applications in writing must reach the Secretary of the Faculty before June 30th.

CAMPBELL KEENAN MEMORIAL SCHOLARSHIP.—This scholarship, having a normal value of $150 a year, has been established by Miss Charlotte Mildred Hagar in memory of the late Dr. Campbell B. Keenan. It is tenable in the Second, Third, or Fourth year of the course in Medicine and is awarded on the basis of distinguished academic standing and financial need. The award will be made to an applicant who has expressed

the intention eventually of entering surgical practice. The holder of the scholarship in any one session is eligible to re-apply for a subsequent session. Applications in writing must reach the Secretary of the Faculty before June 30th.

ROBERT SHARWOOD MEMORIAL SCHOLARSHIP.—In memory of the late Mr. Robert Sharwood a scholarship has been established in the Faculty of Medicine. Its normal value is $400 per annum, but this is subject to adjustment at the Faculty's discretion in the light of the holder's financial needs. The scholarship is tenable in any year of the undergraduate course in Medicine and will be awarded on the basis of distinguished academic standing and financial need. The holder of the scholarship in any one session is eligible to re-apply for the following year.

SIMON AND ROSALIE HALPERN MEMORIAL SCHOLARSHIP.—This scholarship was endowed by the late Dr Fanny G. Halpern in memory of her parents. It has a value of $400 and is open annually to students of Roman Catholic or Jewish faith. The award will be made on the basis of distinguished academic standing and financial need. The holder of the scholarship in any one session is eligible to re-apply for the following year. Applications in writing must reach the Secretary of the Faculty before December 1st.

SAMUEL ROSENFELD SCHOLARSHIP.—This scholarship of $150 will be awarded to a student entering the Second year, on the basis of scholarship and need. No application is required.

SIR EDWARD W. BEATTY MEMORIAL SCHOLARSHIPS FOR MEDICAL STUDENTS.—A fund of $100,000 has been established under the will of the late Dr. Henry Albert Beatty, the income from which is to support two scholarships, not necessarily of equal value, to be awarded annually to students of either sex and of any nationality, who must be registered in the Faculty of Medicine as candidates for the M.D.,C.M. degree or for one of the postgraduate Diplomas in a clinical specialty. The holder is expected to devote his year of tenure either to research or to some form of special training excluding the normal training toward the M.D.,C.M. and excluding any of the years of residency training required in the Diploma courses. In the case of students who hold or are working towards the McGill M.D.,C.M. the award may be held at any approved institution in Canada or abroad. For other qualified students the award must be held at McGill University. These scholarships will be awarded by the Faculty of Medicine. Awards will not be made unless suitable candidates present themselves. Applications should be made to the Secretary of the Faculty of Medicine on the forms provided for this purpose on or before February 1st of the year in which the scholarship is to commence.

SAVORY BURSARY.—This bursary of $100 is tenable in the Second, Third, or Fourth year, without other restriction. Applications should be made to the Secretary of the Faculty before June 20th on forms obtainable from the Registrar's Office.

BRUCE SMITH BURSARY FUND.—This fund was set up by a bequest from the late Dr. Bruce Stewart Smith. It is "to assist poor but worthy medical students to complete medical training at McGill University." Application in writing should be made to the Secretary of the Faculty.

G. J. PICKLEMAN BURSARY.—This bursary of $100 was established in 1956 by Mr. G. J. Pickleman and is available to undergraduate students in any year. It is awarded by the Scholarships Committee of the Faculty of Medicine on the basis of distinguished academic standing and financial need.

LOAN FUNDS

KELLOGG LOAN FUND.—Loans up to a maximum of $500 in any one year may be granted to students in good standing who require such assistance from a fund given to the Faculty by the Kellogg Foundation. The regulations and the application forms are the same as for other loan funds controlled by the University. Applicants should consult Dean D. L. Thomson, Chairman of the Scholarships Committee of the Faculty of Medicine; forms may be obtained from the Secretary of the Faculty.

BOSWELL JAMES LOAN FUND.—This fund was established in 1943 by Dr. A. Boswell James and is available to undergraduates and graduates.

WESTON FAY VOLBERG JR. MEMORIAL LOAN FUND.—This fund was established in 1956 by classmates of the late Weston Fay Volberg, Jr., M.D., C.M. 1953, and is available to medical students.

OTHER LOAN FUNDS.—See page 629.

For awards open to Graduates in Medicine see pages 693, 697, 705, 707.

G. OPEN TO STUDENTS IN THE FACULTY OF DENTISTRY

For scholarships and bursaries open to undergraduates in all Faculties see page 622.

SCHOLARSHIPS

UNIVERSITY SCHOLARSHIPS (see page 608).

INTERNATIONAL COLLEGE OF DENTISTS (CANADIAN SECTION) SCHOLARSHIP.—This scholarship of $100 has been established by the International College of Dentists (Canadian Section) and is awarded annually by the

Faculty of Dentistry to a student who has completed the Third year and is entering the Fourth year. The award is based on scholastic record in the Third year, general character, and participation in extra-curricular activities. No application is required.

CANADIAN DENTAL ASSOCIATION WAR MEMORIAL SCHOLARSHIP AWARD: First Prize $125.00; Second Prize $75.00. To be awarded annually.

The contest is open to all undergraduates of the final year who have been in attendance for at least two years at Canadian Dental Schools. The essay shall consist of 4,000 words.

Correspondence relative to this scholarship should be addressed to The Secretary, Canadian Dental Association, 234 St. George St., Toronto.

MEDALS AND PRIZES

MONTREAL DENTAL CLUB GOLD MEDAL.—Awarded to the student in the final year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the four years.

COLLEGE OF DENTAL SURGEONS OF THE PROVINCE OF QUEBEC PRIZE.—The Kenneth Carver Prize of twenty-five dollars is awarded to the student, registered in Quebec, obtaining the highest standing in the practical examinations of the final year.

LIEUTENANT-GOVERNOR'S GOLD MEDAL.—Awarded to the student in the final year who stands second in the class. The standing is determined in a manner similar to that followed in the awarding of the Montreal Dental Club Gold Medal.

LIEUTENANT-GOVERNOR'S SILVER MEDAL.—Awarded to the student obtaining the highest marks in written and practical subjects in the Third year examinations.

MONTREAL ENDODONTIA SOCIETY BOOK PRIZE.—Awarded to the student in the final year showing the greatest aptitude in this subject.

AMERICAN SOCIETY OF DENTAL MEDICINE (MONTREAL SECTION) BOOK PRIZE.—Awarded to the student in the final year obtaining the highest standing in Dental Medicine.

MONTREAL DENTAL CLUB PRIZES.—First, Second, and Third year prizes in money given by the Montreal Dental Club and awarded to the students obtaining the highest standing in the following technique subjects: First year, Dental Anatomy; Second year, to be chosen each year; Third year, Orthodontia Technique.

MOUNT ROYAL DENTAL SOCIETY PRIZES.—Prizes in money awarded to the students obtaining the highest standings in the sessional examinations in the First, Second and Third years.

DORION PRIZES.—Second and Third year prizes offered by Dr. Eugene S. Dorion are awarded to the students obtaining the highest standing for an essay on Roentgenology.

DR. I. K. LOWRY PRIZES.—Prizes of medical dictionaries are awarded to the two students in the Second year who obtain the highest marks in Oral Histology and Embryology.

DR. M. J. T. DOHAN PRIZES IN PEDODONTICS.—A prize is awarded to the student in the Fourth year who achieves the highest standing in Practical and Clinical work during the year; another prize is awarded to the student in Third year who obtains the highest mark in the final written examination.

CHESTER MACNAGHTEN PRIZES (see page 628).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 628).

LOAN FUNDS

KELLOGG LOAN FUND.—A sum of money has been placed at the disposal of the Faculty of Dentistry by the Kellogg Foundation to assist dental students who have real financial need and are not eligible for assistance under other bursary and loan schemes. Applicants should consult the Dean of the Faculty of Dentistry.

W. R. AIRD LOAN FUND.—Established in 1952 for students in Dentistry. Applications should be made to the Dean.

OTHER LOAN FUNDS.—See page 629.

H. OPEN TO STUDENTS IN THE FACULTY OF LAW

For scholarships and bursaries open to undergraduates in all Faculties see page 622.

SCHOLARSHIPS AND PRIZES

UNIVERSITY SCHOLARSHIPS (see page 608.)

CHIEF JUSTICE R. A. E. GREENSHIELDS MEMORIAL SCHOLARSHIPS.—These scholarships were founded by the will of the late Mrs. R. A. E. Greenshields in memory of her husband, the late Chief Justice Greenshields, D.C.L., LL.D., for many years professor of Criminal Law and Dean of the Faculty of Law. Two scholarships of the value of $400 each are awarded annually to students entering the Faculty of

Law and are renewable in each of the two upper years leading to the Bachelor of Civil Law degree, provided that the student's conduct is satisfactory and that he maintains at least a high Second Class standing, or in the opinion of the Faculty is for other reasons entitled to its renewal. Candidates must satisfy the regular requirements for admission to the Faculty, must have earned a scholastic standing of at least high Second Class, and preferably First Class at the University or Institution which they previously attended, and must furnish evidence of the necessity of financial assistance in order to be able to take up the study of law. Although fluency in both English and French is not essential, preference will normally be given to an applicant who has a good working knowledge of both languages. Application should be made to the Secretary of the Faculty.

THOMAS ALEXANDER ROWAT SCHOLARSHIP.—This scholarship of $125 was founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. It is awarded in alternate years for proficiency in the French language and in the old French law. Candidates must be British subjects of Anglo-Saxon origin.

MAURICE GOLDENBERG MEMORIAL SCHOLARSHIP.—This scholarship of $100 in Government, Constitutional Law, or Public Administration has been established by Mr. H. Carl Goldenberg in memory of his father, the late Maurice Goldenberg. It is awarded annually by the University Scholarships Committee to the best candidate amongst those nominated by the Faculty of Arts and Science and the Faculty of Law. The scholarship is open to both men and women with no restriction as to race, creed, or colour.

ALEXANDER SCHOLARSHIP.—This scholarship of $45 was established in 1950 under the will of the late Maurice Alexander, C.M.G., K.C., of London, England, as a token of esteem for the late Sir Charles Peers Davidson, former Professor of Criminal Law at McGill University. It is awarded annually to a student selected by the Faculty.

LYON W. JACOBS BURSARY.—This bursary was established in November 1957 by donations totalling $500 from the son and daughters of Mr. Lyon W. Jacobs, Q.C., in honour of their father. This fund is to be used to provide an annual bursary of $100 for a Second or Third year Law student who, in the opinion of the Faculty of Law, shows the most progress in his studies and is also in financial need.

MACDONALD TRAVELLING SCHOLARSHIP (see page 705).

CHARLES ALBERT NUTTING PRIZE.—Founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting,

K.C., B.C.L., who graduated from the Faculty in 1872. The value of the prize is $70. It is awarded to the student in the First or Second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

CARSWELL PRIZES.—Two prizes of $30 each in books were established in 1948 by the Carswell Company, Toronto, Ontario, and are awarded to First or Second year students at the discretion of the Faculty.

READING SOCIETY OF MONTREAL PRIZE.—A prize of $50 established in 1952 by the Reading Society of Montreal to be awarded annually to the student who obtains the highest standing in the First year.

ALEXANDER MORRIS EXHIBITION.—This exhibition of the value of $50, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the Second year.

ADOLPHE MAILHIOT MEMORIAL PRIZE.—This prize established by Mr. and Mrs. J. N. Mailhiot, of Victoriaville, P.Q., in 1927, consists of a prize of law books to be given annually to a student selected by the Faculty.

MONTREAL BAR ASSOCIATION PRIZE.—The Montreal Bar Association offers a prize of $50 to the student who obtains the highest standing in Civil Law, and the Junior Bar Association offers a prize of $15 to the student who obtains the best marks in Civil Procedure in the final year.

CHIEF JUSTICE GREENSHIELDS PRIZE.—This prize in Criminal Law endowed by Mrs. Greenshields in 1943 in memory of her husband, the late Chief Justice Robert Alfred Ernest Greenshields, is awarded to the member of the graduating class in Law having the highest standing in Criminal Law throughout the college course. The value of the prize is $40.

JOHN E. CRANKSHAW PRIZE.—Established by friends of the late John E. Crankshaw, Q.C., formerly lecturer in Criminal Law at McGill University. The prize consists of an Advocate's Gown, a copy of the Annotated Criminal Code, and, revenue permitting, the year's Bar Fee. It is to be awarded to the student who has obtained the highest standing in Criminal Law subjects at McGill University and has passed his final examination for admission to the Bar of the Province of Quebec.

"I.M.E." PRIZE IN COMMERCIAL LAW.—A prize of $70 in law books awarded annually to the member of the graduating class having the highest standing in Commercial Law throughout the course.

H. E. HERSCHORN PRIZE.—A prize of $100 given annually by Mr. H. E. Herschorn, N.P., B.A. 1911, B.C.L. 1914, and awarded to the highest ranking graduating student who intends to enter the Notarial profession.

FACULTY ESSAY PRIZES.—Two prizes of $25 each are awarded annually to the students writing the best essays in the Third year.

CHESTER MACNAGHTEN PRIZES (see page 628).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 628).

MEDALS

ELIZABETH TORRANCE GOLD MEDAL.—Founded in 1864 by Professor John Torrance in memory of his wife, this medal is awarded to the student who obtains the highest marks in the final examinations.

I. BALLON MEMORIAL MEDAL.—This medal was established in 1955 by Mrs. I. Ballon in memory of her husband, the late Isidore Ballon, B.A. 1907, B.C.L. 1908, and is awarded annually to the most outstanding student on the Board of Editors of the McGill Law Journal.

No medals, prizes or scholarships will be awarded if, in the opinion of the Faculty, there is no candidate of sufficient merit.

LOAN FUNDS

A. FLEMING LOAN FUND.—Established in 1954 by Mr. A. Fleming to aid students in the Faculty of Law. Application should be made to the Dean.

OTHER LOAN FUNDS.—For loan funds open to students in all faculties see page 629.

For awards open to Graduate Students see pages 697 and 705.

I. OPEN TO STUDENTS IN THE FACULTY OF MUSIC

SIR WILLIAM PETERSON MEMORIAL SCHOLARSHIPS.—Established in 1921 by the University and by friends, graduates and pupils of the Faculty of Music. The interest upon the original endowment of $6,055 is used to support scholarships in Music as a memorial to the late Sir William Peterson. For further details consult the Secretary of the Faculty.

SIR WILLIAM MACDONALD MEMORIAL SCHOLARSHIPS.—Established in 1922 by the University. The interest upon the original endowment of $6,000 is used to support scholarships in Music as a memorial to the late Sir William Macdonald. For further details consult the Secretary of the Faculty.

ELLEN BALLON PIANO SCHOLARSHIP.—Founded in 1928 by a gift of $1,500 from Miss Ellen Ballon, a graduate of the Conservatorium. The principal has been increased by a further gift of $1,500 from Miss Ballon. In making this award the Faculty takes into account the need as well as the ability of candidates.

RESSLER MEMORIAL SCHOLARSHIP.—Founded in 1950 by the late Mr. H. R. Ressler for violinists.

MARION MAGOR SCHOLARSHIP.—Founded in 1953 by the family of the late Mrs. R. J. Magor for students entering the Second year of the Bachelor of Music course.

JULIUS BLOCK SCHOLARSHIP.—Founded in 1953 by Mr. J. Julius Block for pianists.

CUMMINGS FOUNDATION SCHOLARSHIP.—Founded in 1954 for pianists.

DONALDA PRIZE.—Founded by a gift of $2,500 from Madame Pauline Donalda.

GLADYS GLASSCO MEMORIAL LOAN FUND.—A loan fund for students in the Faculty of Music, established in 1954 by Mr. Gordon B. Glassco in memory of his wife. Application should be made to the Secretary of the Faculty.

UNIVERSITY BURSARIES.—Full-time students studying for the Licentiate in Music or for the Bachelor of Music degree are eligible for University Bursaries. *For details see page 609.*

J. OPEN TO STUDENTS IN THE FACULTY OF DIVINITY

UNIVERSITY SCHOLARSHIPS (see page 608).

W. M. BIRKS SCHOLARSHIPS.—Three W. M. Birks Scholarships are tenable by students in the Faculty of Divinity who are candidates for the B.D. degree. One of $250 is awarded to an outstanding student entering the First year of the B.D. course, and two, valued each at $100 are awarded to the students who take highest place in the First and Second years of the course, to be paid during the following session, provided the students are then enrolled as candidates for the B.D. degree. Application for the entrance scholarship must be received by the Dean of the Faculty of Divinity accompanied by a complete transcript of the candidate's academic record and three supporting letters of recommendation on or before October 1st.

W. M. BIRKS TEACHING FELLOWSHIP.—This Fellowship of $1,500 plus tuition fees in the Faculty of Graduate Studies and Research is available to candidates who are able to teach First year Hebrew (three hours) and who wish to pursue Graduate Studies in Divinity. Applications must be received by the Dean of the Faculty of Divinity, accompanied by a complete transcript of the candidate's academic record, and three supporting letters of recommendation, on or before August 1st.

SAMUEL FINLEY MEMORIAL SCHOLARSHIP.—This scholarship of $120 is available to a student enrolled in the Faculty of Graduate Studies and Research who is pursuing advanced studies in Divinity. Application should be made to the Dean of the Faculty of Divinity on or before October 1st.

HOUSTON SCHOLARSHIP (see page 634).

W. M. BIRKS PRIZE.—A prize of $50 in books awarded to the student who obtains the highest standing in the graduating year.

LOAN FUNDS.—See page 629.

Students of the Faculty of Divinity who are registered also in the Montreal Diocesan Theological College or in the United Theological College will be eligible for prizes, scholarships, and bursaries as announced in the calendars of these institutions.

K. OPEN TO STUDENTS IN MACDONALD COLLEGE

OPEN TO STUDENTS IN AGRICULTURE

UNIVERSITY SCHOLARSHIPS (see page 608).

FACULTY SCHOLARSHIPS AND BURSARIES.—The Faculty of Agriculture has a fund for scholarships and bursaries for degree students in Agriculture and Household Science. For further particulars apply to the Registrar, Macdonald College.

ELIZA M. JONES SCHOLARSHIP.—Five scholarships have been established by a bequest of the late F. P. Jones in memory of his mother. They are restricted to applicants who are entering the B.Sc. (Agr.) course for the first time. They have a minimum value of $200 and a maximum value of $300 and are renewable from year to year, provided satisfactory academic standing is maintained. Three are reserved for students who are entering the Third year of the course. Scholarships will be awarded on the basis of academic qualifications. Application forms may be obtained from the Registrar, Macdonald College, and must be submitted before September 1st.

MACDONALD COLLEGE ALUMNI BURSARIES.—Two bursaries of $200 each are offered by the Macdonald Branch of the McGill Graduates' Society. One bursary is open to a student entering the B.Sc.(Agr.) course, the B.Sc.(H.Ec.) course, or the B.Ed. course. The other bursary is open to students entering the Second year of one of these courses. The winner of the entrance bursary in First year will be considered along with other applicants for the Second year bursary. Application should be made to the Registrar, Macdonald College, before September 1st, on forms provided.

I.O.D.E. SCHOLARSHIP.—A scholarship of $200 ($100 for 2 years) is offered by the Provincial Chapter of the Imperial Order Daughters of the Empire to the British student taking the highest marks in the final examinations of the Second year.

QUEBEC WOMEN'S INSTITUTE BURSARY.—The Institute provides a bursary of $100 to the student entering the Second year of the Diploma Course in Agriculture at Macdonald College, who—

(1) is a professional farmer's son, or daughter, from the Province of Quebec.

(2) has spent at least one season (seed time to harvest) in his father's employ on the farm,

(3) intends to return to his father's farm for at least one year on completion of his course (or to manage his own farm),

(4) and who, if more than one candidate presents himself as fulfilling the above three requirements, takes the highest proficiency in agricultural subjects in the First year or, if he is the only candidate, he obtains at least Class II standing in these subjects.

If no student can qualify for the above, this bursary will be made available as an entrance bursary to the First year of the Diploma Course.

JAMES RIST GORHAM SCHOLARSHIP.—A scholarship of $100 established by the late W. M. Gammon in memory of his friend, James Rist Gorham, B.Sc. (Agr.), killed in action March 17th, 1942. The scholarship will be granted to the student in the General Agriculture option who ranks first in the final examinations of the Third year.

BORDEN COMPANY LIMITED SCHOLARSHIP.—A scholarship of the value of $200 is offered by the Borden Company Limited of Canada to encourage promising students who take a course of study of value to the dairy industry. The award will be made to a student on completion of his Third year, half payable at the beginning of the second term. The following factors will be considered in making the award: high standing in the subjects of his course during the Third year with emphasis on dairying, dairy chemistry, or dairy bacteriology; participation in student organizations and college activities; co-operation with students and staff in the advancement of the interests of the student body and the College as a whole.

STEINBERG BURSARY.—A bursary of $100 offered by Steinberg's Ltd., available to a student in the Third or the Fourth Year of the B.Sc.(Agr.) course. Application should be made to the Registrar before September 1st.

NOVA SCOTIA COLLEGE OF AGRICULTURE SCHOLARSHIP.—Macdonald College offers an entrance scholarship of $500 to the student of the Nova Scotia College of Agriculture obtaining the highest standing in the work of the

Second year of the degree course in that College and subsequently registers in the Third year of the degree course in Agriculture at Macdonald College. The scholarship will be paid in two instalments, half at the beginning of the Third year and half at the beginning of the Fourth year.

FISHER TRUST FUND.—In memory of the late Honourable Sydney A. Fisher, formerly Member of Parliament for Brome County and Minister of Agriculture, Canada, two agricultural scholarships of $75 a year each tenable at Macdonald College for two years are offered, for the Diploma Course in Agriculture, on the following conditions:—

1. The candidates must be sons of farmers in the County of Brome, co-operating in farm activities during the period of their college course.

2. The candidates must be at least sixteen years of age.

3. The candidates must have passed at least grade IX of the High School course.

4. These scholarships will be continued from term to term only upon favourable reports from the Dean of the Faculty of Agriculture.

Applications must be sent, on or before the 1st of October, to the Chairman of the Fisher Trustees, R. F. Cowan, Mansonville, Que.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS (see page 612).

GENERAL MOTORS SCHOLARSHIPS (see page 613).

DISTRICT OF BEDFORD GRADUATES' SOCIETY SCHOLARSHIP (see page 619).

ST FRANCIS DISTRICT GRADUATES' SOCIETY BURSARY (see page 619).

MONTREAL BRANCH, CANADIAN WOMEN'S PRESS CLUB SCHOLARSHIP IN JOURNALISM (see page 626).

CHRISTIE-STORER SCHOLARSHIP (see page 620).

ISABELLA C. MACRAE SCHOLARSHIP (see page 619).

LEONARD FOUNDATION SCHOLARSHIPS (see page 625).

KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND (see page 625).

B'NAI B'RITH BURSARIES (see page 623).

FREDERICK SOUTHAM KER BURSARY (see page 624).

PRIZES AND MEDALS

ROBERT RAYNAULD PRIZES.—Two prizes, of $60 and $40 respectively, are offered by *La Ferme*, a monthly farm magazine published in Montreal, the publisher of which is Robert Raynauld, M.S.A. '28. The prizes are

awarded to the students majoring in Agronomy who rank first and second in Agronomy 42—Project. The decision will be based on both the written and oral presentation. Two prizes of $50 each are also offered for students entering the Fourth year of the Agronomy option, one to be awarded to the student with the highest standing in the Plant Breeding phase of the option, the other to the student with the highest standing in the Soil Fertility phase as determined by the results of the Third year examinations.

CHEMICAL INSTITUTE OF CANADA PRIZE.—The Chemical Institute of Canada offers a prize of books to the value of $25 to the student in the Chemistry Option with the highest standing at the end of the Third year.

SOCIETY OF CHEMICAL INDUSTRY STUDENT PRIZES (see page 656).

LOCHHEAD MEMORIAL PRIZE.—In memory of her late husband, William Lochhead, B.A., M.Sc., the first Professor of Biology in Macdonald College, Mrs. Lochhead has established by an endowment of $400, a prize to be awarded to the student, majoring in Entomology, who takes the highest standing in the Fourth year. The prize, in value equal to the proceeds of the endowment for one year, is in books selected by the winner with the approval of the Head of the Department of Entomology.

CLASS OF 1953 BOOK PRIZE.—Graduates of the class of 1953 (Agriculture and Household Science) have established a fund, the proceeds of which are used to provide a prize in books for the student with the highest standing in all the courses of the Second year curriculum. The prize will be awarded in the B.Sc.(Agr.) course in odd-numbered years; in the B.Sc.(H.Ec.) course in even-numbered years.

GOVERNOR GENERAL'S MEDAL.—His Excellency the Governor General of Canada donates a bronze medal to be awarded to the Second year student who ranks highest in General Proficiency in First and Second year work.

LIEUTENANT-GOVERNOR'S MEDAL.—His Honor the Lieutenant-Governor of the Province of Quebec gives annually a gold medal, which is awarded to the student who takes the highest standing in General Proficiency in the First year of the B.Sc.(Agr.) course.

STERN CUP.—Sir Edward D. Stern, Fan Court, Chertsey, Surrey, England, has donated a silver challenge cup, which is held for one year by the student who makes the highest aggregate in Stock Judging in the final year of the subject.

CUTLER SHIELD.—Mr. Garnet H. Cutler, Professor of Agronomy, Purdue University, Lafayette, Indiana, the first lecturer in Cereal Husbandry, Macdonald College, has donated a bronze challenge shield, which is held for one year by the student majoring in Agronomy, who makes the highest aggregate in the final year.

LA CORPORATION DES AGRONOMES PRIZE.—This prize of $50 has been established by La Corporation des Agronomes and is awarded to a member of the graduating class in the degree course in Agriculture for an essay or undergraduate thesis on an agricultural subject.

CONKLIN TROPHY.—Dr. Raymond L. Conklin has donated a trophy to be held for one year by a student in any year of the degree course who obtains the highest percentage of total marks and who, during the same year, has won a place on the College Rugby team and on one other team sport. The winner's name will be engraved on a shield on the trophy which will be awarded only once to any individual.

LA FERME PRIZE.—Robert Raynauld, M.S.A., Editor of *La Ferme* magazine, offers a prize of $25 for competition among students of the Second year of the Diploma Course who come from farm homes and who intend to return to farming after graduation. The prize will be awarded to the eligible student who presents the best project.

LIEUTENANT-GOVERNOR'S MEDAL.—His Honour the Lieutenant-Governor of the Province of Quebec, gives annually a bronze medal, which is awarded to the student who takes the highest percentage in General Proficiency in the First year of the Diploma Course.

MINISTER OF AGRICULTURE MEDALS.—The Honourable the Minister of Agriculture of the Province of Quebec offers annually two bronze medals in connection with the Diploma Course, Second year class, to be presented to the students ranking first in the Dairy Farming and in the Fruit Farming Groups respectively.

MACDONALD COLLEGE STUDENTS LOAN FUND.—Established in 1938 to assist needy students of the Faculty of Agriculture at Macdonald College. Applications should be made to the Dean.

OTHER LOAN FUNDS (see page 629).

OPEN TO STUDENTS IN THE SCHOOL OF HOUSEHOLD SCIENCE

UNIVERSITY SCHOLARSHIPS (see page 608).

FACULTY BURSARIES (see page 672).

MACDONALD COLLEGE ALUMNI BURSARIES (see page 672).

FREDERICA CAMPBELL MACFARLANE SCHOLARSHIP.—A scholarship has been donated by the Quebec Women's Institutes in memory of the late Frederica Campbell Macfarlane, graduate in Institution Administration, 1912, Superintendent of Quebec Women's Institutes from 1913 to 1919.

This scholarship is of the value of $100, is open only to students from a rural district of the Province of Quebec, and is awarded to the student in any of the first three years of the Home Economics course who obtains the highest percentage of marks possible in the final examination.

MRS. ALFRED WATT MEMORIAL SCHOLARSHIP.—A scholarship of $100, established by contributions from the Branch Institutes of the Quebec Women's Institutes as a memorial to a distinguished Canadian, Mrs. Alfred Watt, M.B.E. The scholarship is awarded by the Director of the School of Household Science to any deserving student, residing in a rural area of the Province of Quebec, who has successfully passed the final examinations of the First, Second or Third year of the B.Sc.(H.Ec.) course, and who enters the next higher year.

I.O.D.E. BURSARY.—The Imperial Order Daughters of the Empire offers a bursary of $200 to a British student who has successfully completed the Second year of the B.Sc.(H.Ec.) course and has obtained satisfactory standing. The bursary is offered to aid a worthy student who is in need of financial assistance in order to complete her studies. It is payable in two equal instalments at the beginning of the Third and the Fourth years of the course. Other considerations being equal, preference will be given to a candidate from rural Quebec. Application must be made to the Registrar before September 1st, on forms supplied by the College.

MONTREAL HOME ECONOMICS ASSOCIATION BURSARY.—The Montreal Home Economics Association offers a bursary of $150 open to a deserving student in one of the senior years of the B.Sc.(H.Ec.) course. Application should be made to the Registrar, Macdonald College, before October 1st, on forms provided.

DISTRICT OF BEDFORD GRADUATES' SOCIETY SCHOLARSHIP (see page 619)

ST. FRANCIS DISTRICT GRADUATES' SOCIETY BURSARY (see page 619).

GENERAL MOTORS SCHOLARSHIPS (see page 613).

MONTREAL BRANCH, CANADIAN WOMEN'S PRESS CLUB SCHOLARSHIP (see page 626).

OPEN TO ALL WOMEN STUDENTS

JANET MORISON ROBB BURSARY FOR WOMEN.—This bursary was established, by an endowment of $2,000, by the late Honourable James A. Robb, formerly Member of Parliament for Chateauguay-Huntingdon and Minister of Finance, Canada, in memory of his deceased daughter, Janet Morison Robb, wife of Hugh Harvie Donald. The annual bursary will be the income from the endowment for one year. Preference will be

given to women students resident in either of the counties of Chateauguay-Huntingdon, or Beauharnois, who are daughters of widowed mothers of limited or moderate means, or daughters of widowers in similar financial circumstances, or daughters of disabled Canadian soldiers who have seen active service.

Candidates for this bursary are requested to make written application, addressed to the Registrar, Macdonald College, Que., *on or before 15th April*, giving full particulars on the grounds upon which their applications are based, and to provide letters from two responsible persons in support of their claims.

PRIZES AND MEDALS

LIEUTENANT-GOVERNOR'S MEDALS.—

(1) *A gold medal*, to be awarded to the student who ranks highest in the Third year of the B.Sc.(H.Ec.) Course.

(2) *A silver medal*, to be awarded to the student who ranks highest in the Second year of the B.Sc.(H.Ec.) Course.

HARRISON PRIZE.—A prize established by an endowment of $300 under the will of the late Dr. F. C. Harrison, Principal of Macdonald College from 1910 until 1926; awarded to the student of the B.Sc.(H.Ec.) course who graduates with the highest standing.

CLASS OF 1953 BOOK PRIZE (see page 675).

HOME ECONOMICS CLUB PRIZE.—The Home Economics Club of Macdonald College offers a prize of $25 to the student with the highest aggregate in Household Science subjects during her Second and Third years. The award will be made at the end of the Third year.

HOMEMAKER COURSE

GOVERNOR-GENERAL'S BRONZE MEDAL.—Awarded to the Homemaker student who ranks highest in general proficiency.

MONTREAL LOCAL COUNCIL OF WOMEN PRIZE.—A prize in books to the value of $10 is awarded to the student or students of the Homemaker Course showing outstanding ability in practical subjects.

JANET MORISON ROBB BURSARY FOR WOMEN (see page 677).

L. OPEN TO STUDENTS IN THE INSTITUTE OF EDUCATION

SCHOLARSHIPS AND BURSARIES

I.O.D.E. BURSARIES.—The Municipal Chapter I.O.D.E. offers two bursaries, one of $350 and one of $200, tenable in the Institute of Education,

Macdonald College. The awards are made by a committee of the Municipal Chapter on the basis of scholarship and need. Applications are to be sent to the Educational Secretary, The Municipal Chapter of Montreal, I.O.D.E., 4112 Western Ave., Westmount, Quebec.

VERDUN WOMEN'S CLUB HARRIET MORRIS MEMORIAL BURSARY.—This bursary of $100 is tenable for one year and is awarded annually by the Verdun Women's Club in memory of the co-founder of the Club, Harriet Morris, to a student who has completed Grade XI in the Verdun High School and who plans to enter the Macdonald College Institute of Education. The award is based on academic record, character, and financial need. Preference is given to women students.

SARAH EMMA HILL SCHOLARSHIP.—The Sarah Emma Hill Scholarship, endowed by the late Mrs. Sarah Emma Hill, of Stanstead, Que., of the present value of about $100, will be awarded each year to a student in the Institute of Education "where assistance is required,—this money to be used by the Trustees of Macdonald College according to their best judgment." Candidates for this scholarship are requested to make written application to the Director of the Institute of Education, on or before September 30th, giving full particulars of the grounds upon which their applications are based, and to provide letters supporting their claims from two responsible persons. In making the award, consideration will be given to scholarship and professional ability as indicated by the standing at the end of the autumn term.

ELLA BRYSON SCHOLARSHIP.—This scholarship was bequeathed by the late Miss Ella Bryson of Fort Coulonge, Que., to the Women's Institute of Fort Coulonge. The scholarship is divided among students from Pontiac County who successfully complete their course in the Institute of Education. Applications must be submitted to the Director, Institute of Education, before May 1st.

MACDONALD TEACHERS' ALUMNI ASSOCIATION SCHOLARSHIP.—Valued at $75, this scholarship is awarded to the person deemed to be the best all round student. Selection of the winner is made by the Director of the Institute of Education and the President of the Alumni Association. The scholarship *must* be used to further the winner's educational studies, and will be held in trust for the winner for a period of not more than five years. When circumstances permit, two scholarships will be offered in the same year.

ESTELLA HOLMES SCHOLARSHIP.—The Women's Institute of Stanstead County offers a scholarship of $100 to a student from Stanstead County who is entering the Institute of Education. Applications should be sent, not later than August 15th to Mrs. R. G. Conner, County Secretary, Stanstead Women's Institute, North Hatley, Que.

JANET MORISON ROBB BURSARY FOR WOMEN.—Open to all women students (see page 677).

DU PONT COMPANY OF CANADA (1956) LIMITED SCHOLARSHIP.—This scholarship of $1,500 is awarded to a graduate in an honours course in science or in a course in which science has been a major subject, intending to prepare for science teaching in secondary schools. The scholarship is increased by $600 if the student is a married man. Application should be made to the Director, Institute of Education, before May 1st.

NORTH AMERICAN CYANAMID LIMITED SCHOLARSHIP.—This scholarship of $1,500 is awarded to a graduate in an honours course in science or in a course in which science has been a major subject, intending to prepare for science teaching in secondary schools. Application should be made to the Director, Institute of Education, before May 1st.

DAVID C. LOGAN MEMORIAL SCHOLARSHIP.—This scholarship of $100 is available to students of Grade XII entering the Institute of Education and to students now completing their freshman year in the Institute of Education. Application should be made by June 15th to Miss Grace D. Findlay, Secretary, Administrating Committee, 3980 Cavendish Blvd., Apt. 31, Montreal 28, Quebec.

PROVINCIAL GOVERNMENT BURSARIES.—Provincial Government Bursaries of $200 each are offered to students with satisfactory standing in need of financial assistance. Application must be made on forms supplied either by the Department of Education or the Director of the Institute of Education, and must be submitted to the Director of Protestant Education before September 1st.

PROTESTANT SCHOOL BOARD OF GREATER MONTREAL BURSARIES.—The Protestant School Board of Greater Montreal offers a number of bursaries to the graduates of schools under its jurisdiction. Application should be made to the Director of Education, Protestant School Board of Greater Montreal, 3460 McTavish St., Montreal 1.

PROVINCIAL ASSOCIATION OF PROTESTANT TEACHERS BURSARIES.—The Provincial Association of Protestant Teachers offers a number of bursaries on the basis of scholarship and need. Applications should be made to the Executive Director, Provincial Association of Protestant Teachers, 1410 Guy St., Montreal 25, Quebec.

KAY KERRY CHAPTER I.O.D.E. BURSARY.—The Kay Kerry Chapter, I.O.D.E., offers an annual bursary of $200 to the student in the Institute of Education resident in the towns of Pointe Claire or Beaconsfield. The holder may be registered in any of the degree or diploma courses and the bursary is renewable. Application should be made to the Chairman, Bursary Committee, Kay Kerry Chapter, I.O.D.E., Pointe Claire, Quebec, not later than June 1st.

MONTREAL DAY NURSERY SCHOLARSHIP.—A scholarship of $500, payable in four instalments, is offered by the Montreal Day Nursery to a student wishing to specialize in nursery school teaching. The student will register in the Bachelor of Education course, following the Kindergarten Specialist curriculum during the first two years, specializing in early childhood education during the final two years of the course. Application should be made to the Director, Institute of Education.

KIWANIS CLUB OF DORION-VAUDREUIL BURSARY.—The Kiwanis Club of Dorion-Vaudreuil offers a bursary of $150, tenable by a student in the Institute of Education residing in the counties of Vaudreuil-Soulonges and that part of the county of Jacques Cartier of Riviere des Prairies and west of the eastern boundary of Pointe Claire. Application should be addressed to the Director, Institute of Education, before September 1st of each year.

FEDERATION OF PROTESTANT WOMEN TEACHERS OF GREATER MONTREAL BURSARIES.—The Federation of Protestant Women Teachers of Greater Montreal offers a number of bursaries tenable in the Institute of Education. These bursaries are open to worthy girls from low or middle income families who would find it difficult otherwise to take a two-year Second Class Diploma course or to enter the degree course in Education. Applications should be made to the Federation of Protestant Women Teachers by May 2nd.

MACDONALD COLLEGE ALUMNI BURSARIES (see page 672).

A. S. LAMB SCHOLARSHIPS.—These scholarships, endowed by friends of Dr. Arthur S. Lamb, formerly Director of the School of Physical Education and of the University Department of Athletics, Physical Education, and Recreation, as a tribute to his work in these fields, were offered for the first time in 1951. There are two scholarships of $100 each, tenable, one by a man and one by a woman, in the final year of the Bachelor of Education in Physical Education course. They are awarded by a small committee who will take into account both the academic record and the personal qualities of the students eligible. No applications for these scholarships are necessary.

In addition to the above two scholarships, one A. S. Lamb scholarship of $100 is open to any student who, having completed at least one year of the undergraduate course, is proceeding from First into Second year, or from Second into Third year. This scholarship will be awarded by the same Committee, on the basis of scholastic ability, personal qualities and financial need. No application is necessary.

PRIZES AND MEDALS

GOVERNOR-GENERAL'S BRONZE MEDAL.—Presented by His Excellency the Governor-General of Canada. Awarded to the teacher-in-training with the highest standing in the Art of Teaching.

LIEUTENANT-GOVERNOR'S GOLD MEDAL.—Awarded to the student standing highest among those graduating with Great Distinction in the B.Ed. course.

ETHEL WALKEM JOSEPH PRIZE.—The Wolfe and Montcalm Chapter of the Imperial Order Daughters of the Empire has endowed an annual prize of $25 in the First Class Diploma course as a tribute to the late Mrs. Henry Joseph, Regent of the Chapter.

PROTESTANT HIGH SCHOOL WOMEN TEACHERS ASSOCIATION OF GREATER MONTREAL PRIZE.—A prize of $100 awarded to the woman student attaining the highest standing in the First Class Diploma course.

GOLD MEDAL.—A gold medal is awarded to the student demonstrating the highest general proficiency throughout the B.Sc.(P.Ed.) course.

LIEUTENANT-GOVERNOR'S GOLD MEDAL.—This medal is awarded to the student with the highest standing in the sessional examinations in the B.Sc. (P.Ed.) course.

GARDNER KNEELAND MEMORIAL PRIZE IN ENGLISH.—Established by an endowment of $200, by the late Professor A. W. Kneeland, M.A., B.C.L., in memory of his father. Awarded to the teacher-in-training with the highest standing in English.

A. KIRK CAMERON PRIZE IN PRIMARY METHODS.—Presented by A. Kirk Cameron, a member of the Council of Education. Awarded to the teacher-in-training with the highest standing in Primary Methods.

DR. S. P. ROBINS MEMORIAL PRIZE.—Established by an endowment of $500, by Miss Lilian B. Robins, B.A., former lecturer in Mathematics, School for Teachers, Macdonald College, in memory of her father, who was first Professor of Mathematics, 1857 and, later, Principal of McGill Normal School, Montreal, until 1907. The income from the endowment for one year will be awarded to the student who obtains a diploma, and is the most deserving student from the point of view of personality, professional attainments, and home circumstances.

R. D. A. TEACHERS' ASSOCIATION PRIZE.—A prize in books offered by the Richmond-Drummond-Arthabaska Protestant Teachers' Association to the teacher-in-training from the R.D.A. area with the highest academic standing.

Note:—*Prizes are awarded only to students who obtain diplomas in the specified class.*

KINDERGARTEN CLASS

CANON SCOTT CHAPTER, I.O.D.E., PRIZE.—Awarded to the teacher-in-training with the highest aggregate in the Kindergarten Class.

SECOND CLASS DIPLOMA

SUPERINTENDENT OF EDUCATION'S MEDAL.—Awarded to the teacher-in-training with the highest aggregate in the Second Class Diploma course.

LIEUTENANT-GOVERNOR'S GOLD MEDAL IN MATHEMATICS.—Presented by His Honour the Lieutenant-Governor of the Province of Quebec. Awarded to the teacher-in-training in the Sophomore Class with the highest standing in Mathematics.

LIEUTENANT-GOVERNOR'S SILVER MEDAL IN MATHEMATICS.—Presented by His Honour the Lieutenant-Governor of the Province of Quebec. Awarded to the teacher-in-training in the Freshman Class of the Second Class Diploma course with the highest standing in Mathematics.

J. C. WILSON PRIZE.—Awarded to the teacher-in-training with the highest aggregate in the Second Class Diploma course.

DIRECTOR OF PROTESTANT EDUCATION PRIZE.—Awarded to the teacher-in-training with the second highest aggregate in the Second Class Diploma course.

DIRECTOR OF PROTESTANT EDUCATION PRIZE IN FRENCH.—Awarded to the teacher-in-training in the Second Class Diploma course with the highest standing in French.

LE COMITÉ DE L'ALLIANCE FRANÇAISE DE MONTRÉAL SILVER MEDAL.—Awarded to the teacher-in-training in the Second Class Diploma course with the highest standing in the First year general French course.

BISHOP OF MONTREAL PRIZE IN SCRIPTURE.—Awarded to the teacher-in-training in the Second Class Diploma course with the highest standing in Scripture.

FEDERATION OF PROTESTANT WOMEN TEACHERS OF MONTREAL PRIZE.—Awarded to the teacher-in-training in the Second Class Diploma course with the highest standing in History and Geography.

MILTON HERSEY PRIZE IN SCIENCE.—Established by an endowment of $250 by Milton L. Hersey, M.A.Sc., LL.D., formerly a member of the Council of Education. Awarded to the teacher-in-training in the Second Class Diploma course with the highest standing in Science.

HONOURABLE JACOB NICOL PRIZE.—Presented by the Honourable Jacob Nicol, Q.C., M.L.C., D.C.L., formerly a member of the Council of Education. Awarded to the teacher-in-training with the second highest aggregate in the Freshman class of the Second Class Diploma course.

THIRD CLASS DIPLOMA

J. C. WILSON PRIZE.—Awarded to the teacher-in-training with the highest aggregate in the Third Class Diploma course.

LE COMITÉ DE L'ALLIANCE FRANÇAISE DE MONTRÉAL BRONZE MEDAL.—Awarded to the teacher-in-training in the Third Class Diploma course with the highest standing in general French.

BISHOP OF MONTREAL PRIZE IN SCRIPTURE.—Awarded to the teacher-in-training in the Third Class Diploma course with the highest standing in Scripture.

MILTON HERSEY PRIZE IN SCIENCE.—Established by an endowment of $250 by Milton L. Hersey, M.A.Sc., LL.D., formerly a member of the Council of Education. Awarded to the teacher-in-training in the Third Class Diploma course with the highest standing in Science.

LOAN FUNDS

STUDENT TEACHERS' SOCIETY LOAN FUND.—Established in 1954 by a donation from the Student Teachers' Society to assist students who are registered in the Institute of Education. Applications should be made to the Director, Institute of Education, Macdonald College.

ST. GEORGE'S LODGE NO. 10 A.F. & A.M. LOAN FUND.—Established in 1955 by a donation of $500 to assist students of the Institute of Education. Applications should be made to the Director, Institute of Education, Macdonald College.

IV. GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

For scholarships and bursaries open to students in all Faculties see page 622.

DEMONSTRATORSHIPS AND INSTRUCTORSHIPS.—In several departments graduate students are eligible for demonstratorships and instructorships. Information concerning these may be obtained from the Chairman of the Department concerned.

FELLOWSHIPS AND SCHOLARSHIPS.—The following list of graduate awards is divided into three sections: A, tenable during graduate study at McGill University only; B, tenable either at McGill University or elsewhere; C, a partial list of travelling fellowships and scholarships for which graduates of McGill University may be eligible. In each of these sections the awards are listed in alphabetical order of the undergraduate faculties from which applicants may have proceeded. In Section D are collected the names of awards for which graduates of other universities who wish to pursue advanced studies at McGill may be eligible. It is to be noted that not all awards listed are open for competition each year; further, an award which is open for competition may not be granted if none of the applications is considered meritorious.

Applications for fellowships and scholarships should be made by letter, except in the cases where they are to be directed to the Dean of the Graduate Faculty who will supply application forms; applicants should simultaneously apply for admission to the Faculty, unless this has been previously granted.

A. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT McGILL UNIVERSITY ONLY

(*See also Section B*)

OPEN TO GRADUATES IN TWO OR MORE FACULTIES

ALLIED CHEMICAL AND DYE CORPORATION FELLOWSHIP IN CELLULOSE CHEMISTRY.—This fellowship of $1,500 and tuition fees for an unmarried man and $2,000 and tuition fees for a married man is tenable by a graduate student in Chemistry, preferably Cellulose Chemistry, normally in the Third year of the Ph.D. course. The Department of Chemistry nominates the recipient.

ALUMINIUM LABORATORIES LIMITED FELLOWSHIP.—This award of $1,600 (eleven months) or $1,100 (eight months) plus fees, plus a grant to the Department for research expenses, is open to graduates of any university who have been admitted to McGill as resident candidates for a Master's or Doctor's degree in Physical Metallurgy and related subjects, and is renewable. Applications should reach the Dean of the Graduate Faculty before May 1st.

AMERICAN VISCOSE CORPORATION FELLOWSHIP IN CELLULOSE CHEMISTRY.—This fellowship of $2,000 per annum may be granted to a graduate of any recognized university who is a British or American subject and is to carry out research on esters or ethers of cellulose in the Division of Industrial and Cellulose Chemistry, located in the Pulp and Paper Research Institute. Applications should be sent to Professor C. B. Purves not later than May 1st.

CANADIAN KODAK COMPANY LTD. FELLOWSHIP.—This award of $1,400 plus fees plus additional benefits is open to male Canadian students about to enter the Third year of the Ph.D. course in Chemistry, Physics, or Chemical Engineering. Application should be made to the Dean of the Graduate Faculty by May 1st.

CELANESE FELLOWSHIP.—The Celanese Corporation of America has offered this Fellowship to a graduate student carrying out thesis research in the Division of Industrial and Cellulose Chemistry on a topic connected

with the chemical reactivity of cellulose as influenced by heat and other pre-treatments. The stipend for one year is $1,500 and an additional sum of $700 is provided to defray university fees and the cost of supplies and equipment. Applications should be addressed to the Department of Chemistry.

C-I-L FELLOWSHIPS.—Two postgraduate fellowships in Chemistry, each of the value of $2,000, each with an additional grant of $400 for research expenses, and tenable in the Department of Chemistry (one in the Division of Industrial and Cellulose Chemistry), were established in 1941 by Canadian Industries Limited. These fellowships are known as the C-I-L Fellowships and are open to university graduates who are Canadian citizens or to university graduates who are intending to follow a career in Canada. Preference is given to Canadian citizens. Normally the fellowships will be tenable for one year only, but in special cases they may be renewed for a second year. Application should be made in writing to the Chairman of the Department of Chemistry not later than May 1st.

J. B. COLLIP FELLOWSHIPS IN MEDICAL RESEARCH.—Up to three fellowships of $3,000 each are awarded for study at McGill in Anatomy, Bacteriology, Biochemistry, Histology, Pathology, Pharmacology, or Physiology. Candidates must hold the M.Sc. or Ph.D. in one of these subjects, or a degree in medicine, from a recognized university. Graduates of the McGill medical faculty may be permitted to hold the fellowship at an approved institution elsewhere. Application should be made before February 1st to the Secretary of the Faculty of Medicine, from whom application forms and further particulars may be obtained.

COMINCO FELLOWSHIP.—The Consolidated Mining and Smelting Company of Canada, Limited, offers annually a fellowship of $1,000 for research in some field of pure or applied science preferably related to the mining, metallurgical, or chemical industry; an additional grant up to $500 may be made for research expenses or for continuance of the investigation. The fellowship is open to graduates of any approved university, in Science, Engineering or Agriculture, who will normally be proceeding towards a higher degree at McGill. Canadian applicants are preferred. The topic of research will be selected in consultation with the donors and with the Dean of the Faculty of Graduate Studies, to whom application should be made not later than May 1st.

COMMUNITY PLANNING FELLOWSHIPS.—Fellowships of $1,200 will probably be available for Canadian graduates of any approved university who are seeking a McGill Master's degree in Geography, Architecture, Economics, Civil Engineering, Political Science, or Sociology, and who are prepared to participate in the programme of research and study in community planning that is sponsored by these departments. These fellowships are

granted by Central Mortgage and Housing, Ottawa, to whom enquiries should be addressed.

GOTTESMAN FELLOWSHIP IN WOOD CHEMISTRY.—The D. S. and R. H. Gottesman Foundation offers annually a fellowship of $800 for research carried out in the Pulp and Paper Research Institute under the supervision of the Department of Chemistry. The candidate must be an American or British subject and a graduate of a recognized university; he will normally be expected to register at McGill as a candidate for a higher degree. The award is made on the recommendation of the Institute and of the Department of Chemistry. Applications should be sent to Professor C. B. Purves not later than May 1st.

HAROLD HIBBERT MEMORIAL FELLOWSHIP.—This fellowship, the value of which is approximately $3,000, is open to candidates who hold a Ph.D. in Chemistry from an approved university or have equivalent qualifications, and is tenable for one calendar year in the Department of Chemistry at McGill University, where the holder is expected to devote his full time to research. It is not renewable. Letters of application should reach the Dean of the Graduate Faculty by May 1st.

WILLIAM HENRY HOWARD SCHOLARSHIPS (see page 651).

T. STERRY HUNT RESEARCH SCHOLARSHIP IN CHEMISTRY.—This scholarship of the value of $600 is open to graduates in Chemistry and Chemical Engineering who have completed the course for the degree of M.Sc., M.Eng. or Ph.D. and have shown high capacity for research. The holder is to assist in the Department as a demonstrator. No application is required.

INCO FELLOWSHIP.—This fellowship of $500 was established in 1941 by the International Nickel Company of Canada. It is tenable by students working for the master's degree in Inorganic or Physical Chemistry, Chemical Engineering, Mining, Metallurgy, or Geology. Letters of application should reach the Dean of the Graduate Faculty by May 1st.

LEROY MEMORIAL FELLOWSHIP IN GEOLOGY.—This fellowship of $700, established by some friends of Captain O. E. LeRoy (Arts, 1895), who was killed in the battle of Passchendaele, in October, 1917, may be awarded annually to a student who desires to proceed with postgraduate studies in Geology at McGill University. The recipient may be called upon to assist in the teaching work of the Department. The award is made by the Chairman of the Department of Geological Sciences in consultation with the Principal.

ALEXANDER MCFEE FELLOWSHIP.—This fellowship of $1,750 is open to graduates of any approved university who are resident full-time candidates for higher degrees or diplomas at McGill. The award will be made in 1958

in Medical Sciences (with preference for Cancer research), in 1959 in Physics, in 1960 in Chemistry, and so on in rotation. Applications should reach the Dean of the Graduate Faculty before May 1st.

MCGILL UNIVERSITY CARNEGIE ARCTIC SCHOLARSHIPS.—Candidates must intend to proceed at McGill to a research programme involving field research in Arctic or Subarctic North America; this may be in Biology, Geology, Geography, Psychology, Sociology, etc. The normal value is $1,500 for the winter session and $1,250 for the expenses of a field expedition the following summer. If renewed for a second session the scholarships are of average value $1,750. Applications should be sent to the Secretary, Carnegie Arctic Program, McGill University, 539 Pine Ave. West, Montreal, before March 1st. Exceptionally, for experienced applicants, the summer's field work may precede the winter session of tenure, in which case applications must be received by February 1st.

MIRON FELLOWSHIP IN CONCRETE STUDIES.—This fellowship has been established by Miron & Freres Limited for advanced studies in some phase of the concrete industry in the Department of Civil Engineering. This fellowship has an annual value of $900 plus an additional $300 to the University to be used in the best interests of the investigation. Applicants must be Canadian citizens, normally resident in Canada or those who have taken steps to become Canadian citizens and graduates in science or engineering of a recognized university. Applications should be made to the Dean of the Graduate Faculty.

PROVINCE OF QUEBEC SCIENTIFIC RESEARCH BUREAU FELLOWSHIPS.—The Bureau grants fellowships, normally of $750 annually, to graduate students who have bona-fide domicile in the Province and are pursuing researches, in any branch of science, which may lead to contributions to the welfare of the Province and the development of its industries. For further particulars consult the Dean of the Faculty of Graduate Studies and Research, before May 1st.

SPRUCE FALLS POWER AND PAPER COMPANY LIMITED FELLOWSHIP IN PULP AND PAPER RESEARCH.—This Fellowship of $1,400 plus fees, plus $300 for research expenses, sponsored by the Spruce Falls Power and Paper Corporation, Limited, is open to Canadians, or landed immigrants from Commonwealth countries, who are graduates of any approved University and who wish to proceed to a higher degree in any branch of chemistry or engineering or physical science, provided that the proposed research topic is agreed to be relevant by the Pulp and Paper Research Institute. Application should reach the Dean of the Graduate Faculty before May 1st.

SHELL OIL FELLOWSHIP.—This fellowship of $1,200 is offered to a graduate of any approved university proceeding towards a Master's degree or Ph.D. at McGill in one of the following fields: Chemistry, Chemical Engineering,

Mechanical Engineering, Geology, Physics, Geophysics. Application should be made to the Dean of the Graduate Faculty not later than May 1st.

SOLVAY FELLOWSHIP.—This fellowship of the annual value of $1,150 is offered for the first year of study in the Faculty of Graduate Studies and Research. The award is tenable in any Department of the Faculty, and is open to men and women equally. The holder must have graduated in an undergraduate Faculty of McGill University in the session prior to that for which the award is given, and must obtain permission to proceed to graduate study. No teaching duties are required of the holder, who may not hold any other fellowship or bursary, nor receive a salary for teaching or other duties, during his tenure. Applications for this fellowship must be made to the office of the Dean of the Graduate Faculty on or before May 1st in each year.

UNIVERSITY BURSARIES (see page 609).

UNION CARBIDE (PULP AND PAPER RESEARCH INSTITUTE) FELLOWSHIP.—This fellowship of $1,500 (single) or $2,100 (married) plus tuition fees and research expenses may be awarded to a Ph.D. candidate in Chemistry who will be, and has been for at least one year, identified in his research and training programme with the work of the Pulp and Paper Research Institute. The award is made by the Institute. No application is required.

HARRISON WATSON SCHOLARSHIP.—Established in August 1953 by a bequest from the late Harrison Watson and Ruth Appleton Watson in memory of their only son, Captain Aubrey Wentworth Harrison Watson, D.S.O., M.C. This scholarship of not less than $1,500 is open to men and women graduates of an approved Faculty of Medicine or the holders of M.Sc. or Ph.D. degrees or approved candidates for Ph.D. degrees at McGill University who have completed one year of research and study toward their degrees. The scholarship is open to candidates who have spent at least one year in postgraduate training. Awards of higher value may be made to candidates with higher qualifications. The scholarship may be renewed for two additional years. Preference will be given to McGill graduates. The purpose of the scholarship is the encouragement of research into the causes and cure of tuberculosis and other diseases of an allied character. The scholarship is tenable only at McGill unless the scholar is a graduate in Medicine of McGill University in which case the work of the scholarship may be undertaken at McGill or at an approved institution elsewhere. The successful candidate is required to devote his full time for at least ten consecutive months to the object of the award. Application forms may be obtained from the Secretary of the Faculty of Medicine and must be submitted not later than February 1st.

OPEN TO GRADUATES IN AGRICULTURE ONLY

WALTER M. STEWART SCHOLARSHIPS IN AGRICULTURE.—Two scholarships of $1,000 each are offered to postgraduate students at Macdonald College. One may be held by a postgraduate student whose undergraduate work was taken at the Institut Agricole d'Oka, one by a student from the Collège de Sainte Anne de la Pocatière. Application for these scholarships must be made to the Directors of the two colleges concerned.

C-I-L FELLOWSHIP IN AGRICULTURE.—Canadian Industries Limited offer a fellowship of $1,200 at the M.Sc. level, $1,700 at the Ph.D. level to a student engaged in graduate work at Macdonald College. The fellowship is open to any British subject who is a graduate of a recognized university, and the chosen candidate may be registered in any department provided his research is related to chemistry in agriculture. At the close of the academic year a full written report of all work performed under the fellowship shall be submitted to Canadian Industries Limited. Applications, addressed to the Registrar of Macdonald College, must be made before May 15th.

COMINCO FELLOWSHIP (see page 686).

OPEN TO GRADUATES IN ARTS AND SCIENCE ONLY

BRONFMAN FELLOWSHIPS IN COMMERCE AND ECONOMICS.—The Graduate Faculty offers two fellowships of $1,200 each to men and women who have graduated in Commerce or in Economics from accredited universities. The holder of the fellowship is entitled to apply again in a subsequent year. Holders will be expected to be in residence at McGill University throughout the academic session, and to be candidates for a higher degree at McGill. A small amount of teaching work may be asked. Special application forms can be obtained from the Dean of the Graduate Faculty, and should be returned to the Dean of the Graduate Faculty on or before May 1st. Preference will be given to applicants who have previous research experience.

PHILLIP CARPENTER FELLOWSHIP IN ZOOLOGY.—This award of $800 was established in 1892 by Mrs. Philip P. Carpenter to provide "a postgraduate teaching fellowship or scholarship in Natural Science or some branch thereof in the Faculty of Arts of McGill College." The award is normally made to a graduate student who has been in residence for at least one year as a Demonstrator, and the Department of Zoology commonly makes a further award of $700 to the holder. Application may be made to Professor John Stanley before May 1st.

MARY KEENAN SCHOLARSHIP IN ENGLISH.—This scholarship of $200 is awarded by the Department of English to a student who is proceeding

at McGill University from the B.A. to the M.A. in English. The need of the student as well as his ability will be taken into consideration.

SAMUEL LAPITSKY SCHOLARSHIP.—This scholarship of $600 is tenable by a graduate of any accredited university. Tenure is conditional upon acceptance of the student by the Faculty of Graduate Studies and Research in the field of Sociology or Anthropology. The scholarship is tenable in any year of graduate study and may be renewed for a second year. A small amount of teaching work may be required. Application to the Dean of the Graduate Faculty should be made not later than May 1st.

ALEXANDER MACKENZIE FELLOWSHIP IN POLITICAL SCIENCE.—This fellowship of the annual value of $950 is tenable by a graduate of any accredited university. Such tenure is conditional upon the acceptance by the Department of Economics and Political Science of the applicant as being entitled to admission to the Faculty of Graduate Studies and Research in the field of Political Science. A certain amount of tutorial and teaching work will be required of the holder of the fellowship. Under certain conditions, which may be ascertained in consultation with the Department of Economics and Political Science, this fellowship may be held for a second or third year. Each candidate should send (i) a letter of application, (ii) a certified copy of his academic record, (iii) not more than three testimonials. These should reach the Dean of the Graduate Faculty before the 1st of May.

ARTHUR C. TAGGE FELLOWSHIP IN THE HUMANITIES AND SOCIAL SCIENCES.—This fellowship of the annual value of $1,200 is tenable by a graduate of any approved university proceeding to a higher degree in any Department of the Humanities or the Social Sciences. It will normally be awarded for the first year of graduate study and not be renewable, but exceptions to these rules are not excluded. Applications are invited from outstanding students in the last year of the undergraduate course, at McGill or elsewhere, and should reach the Dean of the Graduate Faculty not later than May 1st.

UNION CARBIDE RESEARCH FELLOWSHIPS.—Two fellowships of $1,500 each in the Natural and Social Sciences have been established by Union Carbide (Canada) Limited and are open to graduates of Canadian universities who are candidates for the Ph.D. degree and have already done at least one year of graduate work. Application should be made to the Dean of the Graduate Faculty by May 1st.

UNIVERSITY FELLOWSHIPS.—The Board of Governors in 1948 set aside $4,000 annually to establish fellowships in the Humanities and Social Sciences, tenable at McGill by graduates of any approved University who have been admitted to candidacy for a higher degree in these fields including

the M.A., M.C.L., LL.M., S.T.M., or Ph.D. The value of each is $800, or $400 for those who can live at home in Montreal. Application should be made to the Dean of the Graduate Faculty prior to May 1st.

OPEN TO GRADUATES IN DIVINITY ONLY

W. M. BIRKS FELLOWSHIP IN DIVINITY (see page 671).

SAMUEL FINLEY MEMORIAL SCHOLARSHIP (see page 672).

OPEN TO GRADUATES IN ENGINEERING ONLY

SIR WILLIAM DAWSON FELLOWSHIP IN METALLURGY.—A research and teaching fellowship of $1,100 annually, in the Department of Metallurgical Engineering, endowed in memory of the late Sir William Dawson, Principal of McGill University from 1855 to 1893. If, in any particular year, the Department of Metallurgy has no candidate for this fellowship and for that same year the Department of Mining has a suitable candidate for whom no fellowship is available the Sir William Dawson Fellowship shall become available to the Department of Mining.

JAMES DOUGLAS FELLOWSHIP IN MINING.—A research and teaching fellowship of $800 annually, in the Department of Mining Engineering, endowed by the late Dr. James Douglas, is restricted to McGill graduates.

B. J. HARRINGTON BURSARY IN MINING ENGINEERING.—This bursary of approximately $300 a year, supported by graduates in Mining Engineering in memory of the late Professor B. J. Harrington, is awarded annually if a suitable candidate offers, and is restricted to McGill graduates.

JOHN BONSALL PORTER SCHOLARSHIP.—This scholarship of $200 founded by Dr. W. W. Colpitts (B.Sc., 1899), is open to graduate students proceeding to the degree of M.Eng. in Civil, Mechanical, or Electrical Engineering, preference being given to students in Civil Engineering. Applications should be in the hands of the Dean of the Faculty of Engineering not later than July 30th. In the case of graduates of other universities these must be accompanied by certified statements of academic standing and letters of recommendation.

WADDELL LOAN FUND.—Loans from this fund, which was founded by J. B. Waddell, Esq., may be made to graduate as well as undergraduate students in any Department of Engineering. Application should be made to the Dean of the Faculty of Engineering.

OPEN TO GRADUATES IN MEDICINE ONLY

A. A. BROWNE MEMORIAL FUND.—The sum of $10,000 has been received by the Faculty of Medicine from the committee of the A. A. Browne Memorial Fund. This fund is used either for a fellowship to be known as the "A. A. Browne Memorial Fellowship", or for a grant to a department to provide technical assistance, equipment, and supplies for medical research. The fellowship is open to graduates of any recognized medical school and is for the advancement of medical science, special preference being given to the subjects of Obstetrics and Gynaecology. For further information apply to the Secretary of the Faculty of Medicine.

JAMES COOPER ENDOWMENT FOR THE STUDY AND TEACHING OF INTERNAL MEDICINE.—This fund was established by a bequest from the late James Cooper. The income will be used for fellowships or for grants to departments to provide technical assistance, equipment, and supplies for medical research.

JAMES DOUGLAS FELLOWSHIP IN PATHOLOGY.—The sum of $25,000 was donated by the late Dr. James Douglas, the proceeds to be devoted to co-ordinated research in the laboratories of pathology in or associated with the University.

BLANCHE HUTCHINSON RESEARCH FUND.—This fund was established by a bequest from the late Mrs. Frank L. Hutchinson. The income will be used for fellowships or for grants to departments to provide technical assistance, equipment, and supplies for medical research.

H. W. MOLSON FELLOWSHIP IN CANCER RESEARCH.—This fellowship has an annual value of not less than $1,000, is renewable for not more than four years, and is open to graduates of any recognized medical school. The course of training and research will be decided by the Strathcona Professor of Pathology and the Professor of Obstetrics and Gynaecology, and will ordinarily comprise one or more years of study in the Pathological Institute followed by clinical research in the Royal Victoria Hospital. Applications should be made to the Dean of the Faculty of Medicine.

FELLOWSHIPS IN NEUROLOGY, NEUROPATHOLOGY, AND NEUROSURGERY.—A limited number of fellowships may be available in the Montreal Neurological Institute, to which inquiries should be directed.

SIR EDWARD BEATTY MEMORIAL SCHOLARSHIPS FOR MEDICAL STUDENTS (see page 664).

GORDON PHILLIPS FUND FOR RESEARCH IN CARDIOVASCULAR DISEASES.—This fund provides a scholarship, having a value of not less than $1,600, and is open to graduates in Medicine of any approved medical school. Candidates will be considered on equal terms regardless of sex, race or

religion. Scholarships awarded to graduates of the Faculty of Medicine of McGill University may be held at McGill or at any approved institution in Canada or abroad. An award made to one who is not a graduate in Medicine of McGill University must be held at McGill University. Application for this scholarship must be made to the Secretary of the Faculty of Medicine prior to February 1st.

JEANNETTE VICTOR MEMORIAL SCHOLARSHIP.—This scholarship, of the value of $300, is open to graduates of any approved medical school and who are principally engaged in research upon the physiology of the heart, or its diseases; tenure of this award does not disqualify the scholar from holding another award or position. Application should be made to the Secretary of the Faculty of Medicine, prior to May 1st.

JOSEPH SCHUBERT MEMORIAL SCHOLARSHIP.—The terms of this award of $300 are similar to those of the Jeannette Victor Memorial Scholarship.

B. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT McGILL UNIVERSITY OR ELSEWHERE

OPEN TO GRADUATES IN TWO OR MORE FACULTIES

RUSSELL J. EDDY FOUNDATION SCHOLARSHIP.—This award, of $1,000 for the session, is tenable by a graduate of a Canadian university pursuing graduate work in Chemistry or Chemical Engineering at any approved institution; applications should be submitted to the Chemical Institute of Canada, 18 Rideau Street, Ottawa, before March 1st.

IMPERIAL OIL GRADUATE RESEARCH FELLOWSHIPS.—Five fellowships of $1,250, renewable up to three years, are offered annually by Imperial Oil Limited to graduates of approved Canadian universities for research leading towards a Doctor's degree at any approved university in the following fields:

Chemistry, Physics and/or Engineering	Two fellowships
Geology	One fellowship
Economics, Psychology, Sociology or Business Administration	One fellowship
Humanities such as English, Ancient and Modern Languages, History, Philosophy	One fellowship

Applications are forwarded by the University at which the undergraduate course was followed, and inquiries should be made at the Registrar's Office not later than February 1st or to the Secretary, Imperial Oil Scholarships Committee, 56 Church Street, Toronto 1. Completed applications must be submitted before March 1st.

MCGILL DELTA UPSILON MEMORIAL SCHOLARSHIP.—Founded by the McGill Chapter of the Delta Upsilon Fraternity in memory of the members of that Chapter who gave their lives in the Boer War, the Great War of 1914-18, and the Second World War of 1939-45. This scholarship is open to graduates of the University in all faculties. The Selection Committee will consider: (a) the general scholarship of the candidate; (b) his need of financial assistance for further study; (c) the general usefulness to the community of the special branch of study he proposes to follow; (d) the likelihood that the candidate will reflect credit on the University. The present value of the scholarship is $1,750. Application should be made in writing to the Registrar before April 1st.

NATIONAL CANCER INSTITUTE RESEARCH FELLOWSHIPS.—Fellowships of variable value, normally tenable in Canada, are offered in the field of cancer research to men or women graduates of approved universities. Application must be made on official forms to the National Cancer Institute of Canada, 800 Bay Street, Toronto 5, by December 15th.

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS.—Bursaries and studentships of the value of $800 and $1,200 respectively, are awarded each year by the National Research Council to highly qualified graduates for study and research in Canada in Biology, Chemistry, Physics, Geology, Mathematics, Engineering, and Applied Psychology. They are open on equal terms to men and women, whose age should not exceed 30. Further particulars and application forms may be obtained from the Registrar's Office and applications should be made before February 1st. There are also "Summer Supplemental Scholarships" of $800. A limited number of Post-doctorate Overseas Research Fellowships are also available.

INTERNATIONAL NICKEL OF CANADA FELLOWSHIPS.—These awards of $1,500 (plus $500 for research expenses) are renewable up to three years, and are open in the fields of Metallurgy, Mining, Geology, and the Chemistry and Physics of Metals. Application is made before February 28th to a committee of the National Conference of Canadian Universities, and originates from the Professor under whom the research will be carried out, rather than from the student.

ONTARIO RESEARCH FOUNDATION SCHOLARSHIPS AND FELLOWSHIPS.—The Ontario Research Foundation (43 Queen's Park, Toronto 5) offers annually a number of postgraduate scholarships and fellowships in science and engineering. These awards are tenable at any university in Ontario by students from any recognized university and tenable by Ontario students at universities elsewhere. The purpose of these awards is to enable students to undertake graduate studies leading to advanced degrees in the natural and physical sciences, pure and applied, such as Biology, Chemistry, Engineering, Forestry, Geography, Geology, Mathematics, Metallurgy,

Mineralogy, and Physics. Scholarships of $800 may be awarded to applicants for their first year of postgraduate research and may be renewed for a second year at $1,100. Fellowships of $1,400 will only be awarded to students in the final year of study for the doctor's degree. Application must be made, on forms obtainable at the Graduate Faculty Office, before February 1st.

PROVINCE OF QUEBEC MINING BURSARIES (see page 654).

OPEN TO GRADUATES IN ARTS AND SCIENCE ONLY

CANADA COUNCIL SCHOLARSHIPS AND FELLOWSHIPS.—The Canada Council offers (a) scholarships of $1,200 tenable by students working for a Master's degree at a Canadian university, (b) fellowships of $2,000 plus travel allowance, for study leading to a Doctor's degree, in Canada or elsewhere, (c) senior fellowships of $4,000 plus travel allowance, for established scholars and teachers for study outside Canada, (d) scholarships of $2,000 for secondary school teachers seeking further training, etc. In all these cases awards are restricted to the arts, humanities, and social sciences; are restricted to residents in Canada or Canadians abroad; and must be applied for by January 15th. Application forms and further information may be obtained from the Secretary, The Canada Council, 140 Wellington Street, Ottawa.

ALLEN OLIVER FELLOWSHIP IN ECONOMICS.—This fellowship has been established by Mrs. Frank Oliver, of Edmonton, Alta., in "proud and loving memory of her son, the late Allen Oliver, M.C., B.A., Lieutenant, 26th Battery, C.F.A., who was killed in action at the Somme on November 18th, 1916." Lieutenant Oliver was an honour graduate in 1915 in the Department of Economics and Political Science. The fellowship is awarded annually to the student who stands highest in first class honours in the Department of Economics and Political Science at the final B.A. examination, and the holder is required to pursue his studies in Economics and Political Science at McGill University or elsewhere. The present value of the scholarship is about $750. No application is required.

DOW-HICKSON FELLOWSHIP IN THEORETICAL PHILOSOPHY.—This fellowship was endowed by the late Professor J. W. A. Hickson. It has a minimum annual value of $1,750 and is tenable by a graduate of any approved university proceeding to a higher degreee in Theoretical Philosophy (Metaphysics, Epistemology, Logic, History of Philosophy) at McGill, or by a McGill graduate pursuing such studies elsewhere. The holder may apply for a second year of tenure. Applications should reach the Dean of Graduate Studies not later than May 1st. In special cases the stipend may be increased, not to exceed $2,750.

DOW-HICKSON FELLOWSHIP IN PHYSICS.—This fellowship was endowed by the late Professor J. W. A. Hickson. It has a minimum annual value of $1,750 and is tenable by a graduate of any approved university proceeding to a higher degree in any brance of Physics at McGill, or by a McGill graduate pursuing such studies elsewhere. The holder may apply for a second year of tenure. Applications should reach the Dean of Graduate Studies not later than May 1st. In special cases the stipend may be increased, not to exceed $2,750.

WOODROW WILSON FELLOWSHIPS.—These Fellowships, tenable in the First year of graduate work, at any approved university, are awarded upon invitation only upon nomination by members of the academic profession and cannot be applied for.

OPEN TO GRADUATES IN LAW ONLY

EDWIN BOTSFORD BUSTEED SCHOLARSHIP.—Founded by the will of the late Mrs. Edwin Botsford Busteed and awarded to an applicant, chosen by the Faculty, who desires to carry out graduate research on some subject connected with the law of Quebec and approved by the Faculty.

OPEN TO GRADUATES IN MEDICINE ONLY

SIR EDWARD BEATTY MEMORIAL SCHOLARSHIPS FOR MEDICAL STUDENTS (see page 664).

G. RUTHERFURD CAVERHILL FELLOWSHIP IN MEDICINE.—A fellowship of variable value to assist demobilized medical officers to obtain post-graduate training in medicine or research experience. Preference will be given to graduates of McGill University. Enquiries should be made of the Dean of the Faculty of Medicine.

JOHN MCCRAE FELLOWSHIP.—This fellowship of $1,000 may be awarded to candidates of the following types: (1) Graduates of any approved medical school who are candidates for the Diploma in Surgery, Urology, Otolaryngology, Radiology, etc., or (2) McGill graduates in Medicine, or (3) graduates of any approved medical school proceeding towards a McGill M.Sc. or Ph.D. in fields related to Surgery, etc., it being understood in all cases that the holder is expected to spend twelve months in full-time laboratory or clinical research at McGill or an approved institution elsewhere. Applications should be made to the Dean of the Faculty of Medicine not later than May 1st, and should be accompanied by a letter of recommendation from a member of the teaching staff, a transcript of the undergraduate record, and a description of the proposed research indicating the institution selected and the person responsible for its direction. The period of tenure should commence not earlier than June nor later than October; a final report on the work done is required. In all

cases preference will be given to candidates aiming at a course in Surgery, and to researches likely to contribute to Surgery and its branches.

NATIONAL RESEARCH COUNCIL MEDICAL FELLOWSHIPS.—These are designed to provide training and research in one of the medical sciences (not for clinical training), and have values of $1,800, $2,200, or from $2,200 to $3,500 for those with previous research experience. Applications should be submitted to the National Research Council before February 1st.

OSLER MEMORIAL SCHOLARSHIP.—This scholarship is normally awarded by the Canadian Medical Association every third year to a candidate nominated by the Faculty of Medicine "in order that such candidate may pursue studies to advance the knowledge of medicine and to improve the teaching of clinical medicine." Candidates must be graduates of not more than ten years' standing and, other things being equal, preference will be given to a graduate of McGill University.

GORDON PHILLIPS FUND (see page 693).

J. FRANCIS WILLIAMS SCHOLARSHIP IN MEDICINE AND CLINICAL MEDICINE.—This scholarship of the annual value of $500, founded by the late J. Francis Williams, M.D., to be awarded on the result of a special examination open to students of the final year who have had a high general scholastic standing and who are approved by the Chairman of the Department of Medicine.

C. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT OTHER UNIVERSITIES ONLY

(*See also Section B*)

OPEN TO GRADUATES IN SEVERAL FACULTIES

COLONIAL RESEARCH GRANTS.—The Colonial Social Science Research Council, Room S. 612, Colonial Office, Sanctuary Buildings, Great Smith St., London, S.W. 1, will, about June 15th, make grants of £500-£800 per annum to selected Honours graduates in the social sciences, including history and law; the tenure is normally 2½ years of which two years will be spent in study and research in one of the British Colonial territories.

SCIENCE SCHOLARSHIPS GRANTED BY HER MAJESTY'S COMMISSIONERS FOR THE EXHIBITION OF 1851.—These scholarships, of £550 sterling a year, with an additional grant of £25-£100 a year to cover University fees, etc., are tenable for two or, exceptionally, three years; to this, the National Research Council of Canada adds an additional stipend of £250. They are to enable students to devote themselves to research work under conditions must likely to equip them for practical service in the scientific life of the Commonwealth. The holder is required to devote himself to

research, the particular nature of which must be approved by the Commissioners. Three of these scholarships, which are tenable at any institution approved by the Commission, are allotted to Canada each year, the scholars being chosen by the Commission from the nominees of certain universities, among which McGill is included. Candidates will in most cases have completed from one to three years of postgraduate study and must present evidence of accomplishment in research, either in the form of published papers or as typewritten reports or theses. The scholarships are usually held at universities in the United Kingdom. Candidates should apply, not later than January 15th, through the Chairman of their Department. Details concerning the regulations may be obtained from the Registrar's Office.

RUTHERFORD SCHOLARSHIP.—This scholarship is awarded for experimental research in any branch of the natural sciences, preference being given to experimental physics. The scholarship will be tenable for three years in some part of the British Commonwealth other than that in which the applicant graduated. It will not normally be awarded to a graduate who has already held a senior research award. The value of the scholarship will be adjusted to meet the circumstances of the appointment but if held in the United Kingdom it will be between £600 and £800 per annum. Additional allowances will be granted for travel, university fees, etc. Application from university graduates outside the United Kingdom should be made through their universities on forms of application for the 1851 Exhibition Science Research Scholarship not later than January 15th. Further details may be obtained from the Registrar's Office. The award will be made by the Royal Society.

EXCHANGE FELLOWSHIP WITH THE UNIVERSITY OF GLASGOW.—An exchange fellowship has been established whereby a McGill graduate may spend a session of postgraduate work in the University of Glasgow. McGill University provides $400 towards the cost of transportation; Glasgow provides tuition, room, and board from October 1st to June 30th with an additional allowance of £50. Recommended fields of study are Chemistry, Physics, Zoology, Marine Biology, Botany, Geology, Economics, and the Medical Sciences. Application should be made to the Dean of the Graduate Faculty by May 1st; preference will be given to applicants who are Canadian and who have studied at McGill for several years.

POSTGRADUATE SCHOLARSHIPS GRANTED BY THE IMPERIAL ORDER DAUGHTERS OF THE EMPIRE.—Nine scholarships, in memory of the men and women who gave their lives in defence of the Empire in World War I, are offered annually—one for each province. They are of the value of $2,000 and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial History, the Economics and Government of the Empire and Dominion, or any subject vital to the interests of the Empire."

Four additional postgraduate scholarships of $2,000 each have been established by the Imperial Order Daughters of the Empire in memory of the men and women who gave their lives in defence of the Empire in World War II. These scholarships are offered annually to enable students to carry on postgraduate work in History, Philosophy, English, or French Literature and are tenable at any University in the British Empire. They may be awarded for a second year to the same candidate.

Full details may be obtained from the Registrar's Office or from the Provincial Educational Secretary of the Order in any Canadian Province. In Quebec the address is 4112 Western Ave., Westmount, Quebec. Applications must be submitted by October 15th.

NUFFIELD FOUNDATION FELLOWSHIPS.—These awards are made in the Natural Sciences and in the Humanities and Social Sciences, and are open to Canadians 25 to 35 years old who have at least a year's teaching or research experience beyond the level of the Ph.D. degree. They are tenable in the United Kingdom, their value being £770-£890 plus a travel grant. Application forms may be obtained from Mr. G. V. Ferguson, 245 St. James St. West, Montreal, and should be submitted by January 15th at latest.

PROVINCE OF QUEBEC POSTGRADUATE SCHOLARSHIPS.—A number of scholarships are granted annually by the Government of the Province to graduates who wish to complete their studies outside Canada. These scholarships are each of the value of $1,200 per annum. They are awarded in the first instance for one year, but their tenure may be extended to three years if the work of the holder is satisfactory. Candidates must be bona-fide residents of the Province of Quebec and preference is given to those who intend to carry on teaching or research work in Canadian universities or schools on their return to Canada. Each letter of application should state the candidate's age at next birthday, his subject of study, and the institution he plans to attend, and should be accompanied by two testimonials from members of his faculty and two additional references from responsible citizens. The awards are generally announced by the Provincial Government at the end of July each year. Applications should be addressed to the Registrar and submitted not later than the 1st of April.

RHODES SCHOLARSHIPS.—These scholarships of £600 a year are tenable for two years at the University of Oxford. A third year may be granted under certain conditions. Candidates must be British subjects with at least five years domicile in Canada and be between the ages of nineteen and twenty-five. Two scholars are chosen annually from the Province of Quebec, and men students in any faculty may apply. Applications must be in the hands of the Secretary of the Provincial Selection Committee not later than November 10th. Further details of tenure, eligibility,

and qualifications, and application forms may be obtained from the Registrar's Office, or the Provincial Secretary, Mr. Claude Gagnon, Q.C., 100 D'Youville, Quebec City.

CANADIAN GOVERNMENT OVERSEAS AWARDS.—The Royal Society administers the Canadian Government Overseas Awards in the Arts, Letters, and Sciences. These consist of Fellowships of $4,000 for senior scholars and Scholarships of $2,000 for students with the M.A. degree or equivalent and are tenable in France, The Netherlands, Great Britain, and Italy. Return ocean fare is paid in addition to the amount of the award. Application forms may be obtained from the Royal Society of Canada, National Research Building, Ottawa and must be submitted before April 1st.

SHELL POSTGRADUATE SCHOLARSHIPS.—Two scholarships of £750 per annum are offered for study at a university in the United Kingdom in Chemistry, Physics, Geology or Engineering, leading to a higher degree. The holder should be a male British (or Commonwealth) subject and have completed at least one year of postgraduate study. The closing date for applications is January 31st; further information may be obtained from the office of the Dean of the Graduate Faculty.

SWISS EXCHANGE SCHOLARSHIPS.—Two postgraduate exchange scholarships are offered annually tenable at the following Swiss universities:

University of Basel
University of Berne
University of Geneva
University of Zurich
Institute of Economic and Political Sciences, St. Gall
Federal Institute of Technology, Zurich.

These scholarships cover the cost of tuition fees only. Candidates must be prepared to pay all travelling costs and all incidental expenses such as books, living expenses, cost of vacation periods, etc. Candidates must be recommended by McGill University and have a good scholastic record, a satisfactory knowledge of French or German, and good health. The scholarships are open to both men and women of any faculty. Applications should be made to the Registrar by April 1st.

CANADIAN FEDERATION OF UNIVERSITY WOMEN'S PROFESSIONAL FELLOWSHIP.—This fellowship of $1,000 is open to any woman holding a degree from a Canadian University who is not more than 35 years of age at the time of award and whose domicile is in Canada. The proposed place and plan of study must be approved by the Fellowship Committee. The award will be based on evidence of character, intellectual achievement, and promise. Preference will be given to candidates who have completed one or more years of professional work and who desire to spend a year at an accredited Library School, College of Education, or similar

professional school. Full information can be obtained from the Chairman of the Fellowship Committee, Dr. Mary Winspear, 18 Severn Ave., Westmount, Quebec. Application and testimonials must be received before February 1st.

CANADIAN FEDERATION OF UNIVERSITY WOMEN'S TRAVELLING FELLOWSHIP.—This fellowship of $1,500 is open to any woman holding a degree from a Canadian University who is not more than 35 years of age at the time of award and whose domicile is in Canada, although she may be studying elsewhere at the date of application. The award is based on evidence of character, intellectual achievement, and promise. Preference will be given to candidates who have completed one or more years of graduate study and who have a definite course of study or research in view. The general policy will be to grant the fellowship alternately to students engaged in scientific research and to those engaged in research in the humanities. Full information can be obtained from the Chairman of the Fellowship Committee, Dr. Mary Winspear, 18 Severn Ave., Westmount, Quebec. Applications and testimonials must be received before February 1st.

CANADIAN FEDERATION OF UNIVERSITY WOMEN'S JUNIOR FELLOWSHIP.—This fellowship of the value of $1,200 is open to any woman graduate of a Canadian university who is not more than 25 years of age at the time of award and whose domicile is in Canada, although she may be studying elsewhere at the date of application. The award will be based on evidence of character, intellectual achievement, and promise. The proposed place and plan of study must be approved by the Committee. Preference will be given to students who have studied in only one university and who desire to continue their studies in another. Full information can be obtained from the Chairman of the Fellowship Committee, Dr. Mary Winspear, 18 Severn Ave., Westmount, Quebec. Applications and testimonials must be received before February 1st.

CANADIAN FEDERATION OF UNIVERSITY WOMEN'S MARGARET MCWILLIAMS FELLOWSHIP.—This fellowship of $1,500 was awarded for the first time in 1953. In 1960 and alternate years it will be open to any non-Canadian woman holding a degree recognized by the International Federation of University Women who wishes to carry out postgraduate study or research in a Canadian university. The proposed place and plan of study must be approved by the Canadian Federation Fellowship Committee. The award will be based on evidence of character, achievement, and promise. Preference will be given to candidates who have started their graduate study and who have a definite course of study or research in view. Full information can be obtained from the Chairman of the Fellowship Committee, Dr. Mary Winspear, 18 Severn Ave., Westmount, Quebec. Applications and testimonials must be received before February 1st.

OPEN TO GRADUATES IN ARCHITECTURE

A. F. DUNLOP SCHOLARSHIPS.—These two scholarships of approximately $900 each were established in 1951 by the will of the late Mrs. Catherine A. Dunlop as travelling scholarships for students graduating in Architecture. Applications stating proposed study, localities to be visited and proposed date of departure should be sent to the Director of the School of Architecture before March 31st.

HUGH MCLENNAN MEMORIAL SCHOLARSHIP.—Established by the Hon. John Stewart McLennan and Dr. Francis and Miss Isabella McLennan in memory of Hugh McLennan, son of the Hon. John Stewart McLennan, killed at the Battle of Ypres in 1915. The amount of this scholarship is $1,000. It will be awarded to the student graduating in Architecture who during his course has shown the greatest capacity in the solution of problems and who gives promise of creative ability.

OPEN TO GRADUATES IN ARTS AND SCIENCE

MOYSE TRAVELLING SCHOLARSHIPS.—The Moyse Travelling Scholarships were founded by the late Right Honourable Lord Atholstan, to commemorate the "splendid services of Dr. Charles E. Moyse, for forty-two years Professor of English, during sixteen of which he was Dean of the Faculty of Arts and Vice-Principal of the University." Two scholarships, each tenable for one year, are awarded by the Faculty of Arts and Science, one for distinction in literary subjects, and the other for distinction in scientific subjects. If a deserving applicant in one of these divisions is not forthcoming, both scholarships may be awarded to applicants who belong to the other. The holder must devote the period of the tenure of the scholarship to advanced study, preferably in a British or European university, but not to the exclusion of other universities. The scholarships are normally of the value of $1,500 each. Applications should be made to the Dean of the Faculty of Arts and Science not later than April 1st. Applications should be accompanied by:

(1) an official transcript of the applicant's academic record to date.

(2) the names of two referees who are familiar with the applicant's work.

(3) a statement, as precise and particular as possible, of the course of study which the applicant proposes to pursue if awarded the scholarship; the institution or centre at which he, or she, proposes to study; and the purpose to which the study is to be directed.

(4) a statement of the applicant's age and nationality.

GUY DRUMMOND SCHOLARSHIP IN POLITICAL SCIENCE AND ECONOMICS.—This scholarship, open to men only, originally endowed by the late Guy M. Drummond, is awarded annually by the University Scholarships

Committee to a graduating student in the Faculty of Arts and Science nominated jointly by the Department of Economics and Political Science and the Department of Romance Languages. In making the nomination the two Departments will take into account the student's academic record and the likelihood that he will make a contribution of value to Canadian life. The student nominated must be taking the honours course in Political Science. Selection of the scholar is made on the initiative of the University Scholarships Committee. It is not applied for by the candidate. The value of the Scholarship is $2,600. $2,000 of this covers a year of study in Paris and the remaining $600 a further year at McGill University studying for the M.A. degree. In Paris, the holder will study at the Institut d'Etudes Politiques unless he wishes to specialize in Economics rather than Political Science and has been granted permission by McGill University to study at the Sorbonne or at the Institut d'Economie Appliquée.

MACKENZIE KING TRAVELLING SCHOLARSHIPS.—From six to eight scholarships of $1,500 each are offered annually to graduates of any Canadian university who propose to engage, either in the United States or the United Kingdom, in postgraduate studies in the fields of International or Industrial Relations. Applicants should be persons of unusual worth and promise. Awards will be determined on the basis of academic achievement, personal qualities and demonstrated aptitudes. Consideration will also be given to the applicants' proposed programmes of study. Applications must be submitted by April 15th. Further information may be obtained from the Registrar's Office.

OPEN TO GRADUATES IN ENGINEERING

ATHLONE FELLOWSHIPS.—These fellowships are awarded annually by Her Majesty's Government in the United Kingdom to enable Canadian engineering graduates to take postgraduate training in the United Kingdom. The fellowships fall into two groups: Group A, available for graduates on completion of a bachelor's or higher degree; Group B, for engineers who have already spent some time in industry. The fellowships provide for a period of two years in the United Kingdom and are awarded on the understanding that their holders afterwards return to Canada to follow their careers. They are available for any among the following options but preference is given for courses involving works experience: (1) Works training in one or more approved industrial organizations. (2) Postgraduate studies in a United Kingdom university or college or research establishment. (3) A combination of (1) and (2) (4) Research in a United Kingdom University leading to the degrees of M.Sc. or Ph.D. Each fellowship covers the cost of travel from home to the United Kingdom and return, the cost of approved university or college tuition and other fees, maintenance allowance, and a travelling

allowance of £25 extra within the United Kingdom for educational and cultural purposes. Further information and application forms may be obtained from Canadian University Registrars. The closing date for receipt of applications is January 15th.

OPEN TO GRADUATES IN LAW

MACDONALD TRAVELLING SCHOLARSHIP.—This scholarship was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is approximately $1,200. The scholar elected is required to pursue a year's study in the Law Faculty of a French university approved in each case by the McGill Faculty of Law. The award is made at the discretion of the Faculty to a student of the graduating class, proceeding to the Bar, who has obtained first or second class honours in the final examination and who would be unable without such financial help to spend a year in France. The Faculty interprets the will of the late Sir William Macdonald as intending that the scholarship be awarded only to men students preparing for practice as advocates in the Province of Quebec.

OPEN TO GRADUATES IN MEDICINE

NUFFIELD FOUNDATION MEDICAL TRAVELLING FELLOWSHIPS.—These awards of £770 to £890 plus travelling allowances are open to Canadian nationals between 25 and 30 years of age who hold recognized medical qualifications. Candidates must possess the talents and personal inclinations which afford good promise of their ability to advance knowledge and education in some branch of medicine as teachers or research workers. The fellowships are tenable at approved institutes in the United Kingdom. The fellow will be expected to resume residence in Canada on completion of the fellowship. Applications should be made to the General Secretary, National Research Council, Ottawa, Ontario, before January 1st.

FELLOWSHIPS OFFERED BY OTHER UNIVERSITIES

Graduates of McGill University who desire to undertake graduate study elsewhere should note that many universities offer fellowships and scholarships for which they may be eligible. Particulars of many of these may be obtained in the Registrar's Office. In many cases applications should be prepared not later than the January preceding the session for which the award is made.

D. FELLOWSHIPS AND SCHOLARSHIPS OPEN TO GRADUATES OF OTHER INSTITUTIONS FOR STUDY AT McGILL UNIVERSITY

A number of the awards listed in the preceding pages (Sections A and B) may be held by graduates of other institutions while pursuing graduate study at McGill University; these are listed below.

VARIOUS SUBJECTS

IMPERIAL OIL GRADUATE RESEARCH FELLOWSHIPS (see page 694).

INTERNATIONAL NICKEL CO. OF CANADA FELLOWSHIPS (see page 695).

SAMUEL LAPITSKY SCHOLARSHIP (see page 691).

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS (see page 695).

ONTARIO RESEARCH FOUNDATION SCHOLARSHIPS (see page 695).

SOLVAY FELLOWSHIP (see page 689).

ARTHUR C. TAGGE FELLOWSHIP AND UNIVERSITY FELLOWSHIPS (see page 691).

UNION CARBIDE RESEARCH FELLOWSHIPS (see page 691).

CANADIAN FEDERATION OF UNIVERSITY WOMEN'S FELLOWSHIPS (see page 701).

McGILL UNIVERSITY CARNEGIE ARCTIC FELLOWSHIPS (see page 688).

AGRICULTURE

COMINCO FELLOWSHIP (see page 686).

WALTER M. STEWART SCHOLARSHIP (see page 690).

BIOLOGICAL SCIENCES

PHILIP CARPENTER FELLOWSHIP (see page 690).

CHEMISTRY

ALLIED CHEMICAL AND DYE CORPORATION FELLOWSHIP (see page 685).

AMERICAN VISCOSE CORPORATION FELLOWSHIP (see page 685).

C-I-L FELLOWSHIPS (see page 686).

CELANESE FELLOWSHIP (see page 685).

COMINCO FELLOWSHIP (see page 686).

RUSSELL J. EDDY FOUNDATION SCHOLARSHIP (see page 694).

GOTTESMAN FELLOWSHIP (see page 687).

T. STERRY HUNT RESEARCH SCHOLARSHIP (see page 687).

INCO FELLOWSHIP (see page 687).

SHELL OIL FELLOWSHIP (see page 688).

SPRUCE FALLS POWER AND PAPER COMPANY FELLOWSHIP (see page 688).

ECONOMICS

BRONFMAN FELLOWSHIPS (see page 690).

ALEXANDER MACKENZIE FELLOWSHIP (see page 691).

ENGINEERING

COMINCO FELLOWSHIP (see page 686).

INCO FELLOWSHIP (see page 687).

MIRON FELLOWSHIP (see page 688).

JOHN BONSALL PORTER SCHOLARSHIP (see page 692).

SHELL OIL FELLOWSHIP (see page 688).

SPRUCE FALLS POWER AND PAPER COMPANY FELLOWSHIP (see page 688).

GEOLOGY

INCO FELLOWSHIP (see page 687).

LEROY MEMORIAL FELLOWSHIP (see page 687).

SHELL OIL FELLOWSHIP (see page 688).

IMPERIAL OIL FELLOWSHIPS (see page 694).

WILLIAM HENRY HOWARD SCHOLARSHIPS (see page 651).

MEDICINE AND MEDICAL SCIENCES

SIR EDWARD BEATTY MEMORIAL SCHOLARSHIPS (see page 664).

A. A. BROWNE MEMORIAL FUND (see page 693).

G. RUTHERFURD CAVERHILL FELLOWSHIP (see page 697).

J. B. COLLIP FELLOWSHIP (see page 686).

JAMES COOPER FUND (see page 693).

JAMES DOUGLAS FELLOWSHIP (see page 693).

BLANCHE HUTCHINSON FUND (see page 693).

JOHN McCRAE FELLOWSHIP (see page 697).

H. W. MOLSON FELLOWSHIP (see page 693).

FELLOWSHIPS IN NEUROLOGY (see page 693).

OSLER MEMORIAL SCHOLARSHIP (see page 698).

GORDON PHILLIPS FUND (see page 693).

JOSEPH SCHUBERT MEMORIAL SCHOLARSHIP (see page 694).

JEANNETTE VICTOR MEMORIAL SCHOLARSHIP (see page 694).

HARRISON WATSON SCHOLARSHIP (see page 689).

PHYSICS

SHELL OIL FELLOWSHIP (see page 688).

DOW-HICKSON FELLOWSHIP (see page 697).

The attention of applicants for admission to the Faculty of Graduate Studies is also drawn to the existence of demonstratorships and instructorships in certain departments (see page 684).

N.B.—From time to time scholarships, fellowships, or research grants are made available by industrial corporations to encourage research by graduate students upon specific problems suitable for M.Sc., M.Eng., or Ph.D. theses and for publication, but also of commercial significance. As such awards may be offered for only one or two sessions, it is not possible to have them listed in this Announcement; the Departments concerned should be consulted.

LOAN FUNDS

GRADUATE STUDENTS' LOAN FUND.—Established in 1951 by the Board of Governors for students in the Faculty of Graduate Studies and Research. Applications should be made to Dr. E. C. Knowles, Student Counsellor, Arts Building.

OTHER LOAN FUNDS.—For loan funds open to students in all faculties see page 629.

V. SCHOLARSHIPS, PRIZES, AND MEDALS IN VARIOUS SCHOOLS OF THE UNIVERSITY

OPEN TO STUDENTS IN THE LIBRARY SCHOOL

For scholarships and bursaries open to undergraduates in all Faculties see page 622.

DR. G. R. LOMER SCHOLARSHIPS.—Two annual scholarships of $400 each are available. Applications should be made to the Library School before July 1st.

GROLIER SOCIETY SCHOLARSHIP.—A scholarship of $250 established by the Grolier Society of Canada Limited is awarded in alternate years to students of the McGill University Library School and the University of Toronto Library School. This award will be available at McGill in 1958.

ETHELWYN M. CROSSLEY SCHOLARSHIP FUND, founded in honour of a former student of the Library School. Women students are given preference.

ELIZABETH G. HALL SCHOLARSHIP FUND, founded in memory of a former member of the McGill University Library staff.

Awards from both these funds are made, after due investigation and recommendation, to deserving students who require financial assistance to take the course. Application should be made to the Director of the Library School.

LOAN FUNDS.—See page 629.

OPEN TO STUDENTS IN THE FRENCH SUMMER SCHOOL

FRENCH SUMMER SCHOOL SCHOLARSHIPS.—A number of Resident Scholarships varying in value from $75 to $150 are offered to teachers and to students of colleges and universities who are qualified to enter Section B (Intermediate) or Section C (Advanced). (*See French Summer School Announcement.*)

OPEN TO STUDENTS ENTERING THE SCHOOL FOR GRADUATE NURSES

OPEN TO BASIC NURSING (B.Sc.(N)) STUDENTS AND GRADUATE NURSES:

UNIVERSITY SCHOLARSHIPS AND BURSARIES (see pages 608-609).

OPEN TO GRADUATE NURSES ONLY:

ALEXANDRA HOSPITAL SCHOLARSHIP.—The Board of Governors offers a scholarship in the form of full maintenance at the hospital during a year's study at the School for Graduate Nurses. Only members of the hospital nursing staff are eligible.

ALUMNAE ASSOCIATION OF THE SCHOOL FOR GRADUATE NURSES SCHOLARSHIP.—In memory of Dr. Marion Lindeburg, the Alumnae Association has established an annual scholarship of $500. This scholarship is open to graduate, registered nurses who wish to study at the School for Graduate Nurses, and who meet the entrance requirements. Applications should be submitted by June 15th to the Chairman of the Scholarship Committee, Alumnae Association, 1266 Pine Ave. West, Montreal.

ASSOCIATION OF NURSES OF THE PROVINCE OF QUEBEC BURSARIES:

(a) Two bursaries of $500 are customarily offered to a practising member in good standing of the Association of Nurses of the Province of Quebec whose qualifications are acceptable to a university for any approved course.

(b) District No. 11 (English Chapter) Association of Nurses of the Province of Quebec offers a bursary of $1,500 to a member of the Chapter, whose qualifications are acceptable to a university. The nurse who accepts the bursary will be expected to work in the Province of Quebec for two years following the completion of her course.

MONTREAL CHILDREN'S HOSPITAL SCHOOL OF NURSING SCHOLARSHIP.—The Board of Governors offers a scholarship in the form of lodging at the hospital during one year's study at the School for Graduate Nurses. Those accepting the scholarship are required to work for one year at the Montreal Children's Hospital on completion of the course.

MONTREAL GENERAL HOSPITAL SCHOOL OF NURSING BURSARIES.—Bursaries are provided annually by the Montreal General Hospital to graduate nurses for study to prepare them for administrative and teaching positions.

ROYAL VICTORIA HOSPITAL SCHOOL OF NURSING SCHOLARSHIPS:

(a) The Mabel F. Hersey Scholarship is given annually by the Board of Governors for a year of postgraduate study at the School for Graduate Nurses, McGill University.

(b) The Emma Thomas Scholarship is offered annually for postgraduate study.

(c) The Ida McGregor Scholarship is offered annually for postgraduate study.

VICTORIAN ORDER OF NURSES FOR CANADA BURSARIES.—The Victorian Order of Nurses for Canada offers bursaries of $750 to nurses to assist them in taking postgraduate preparation in Public Health Nursing. The recipients are obligated, following their course, to work one year for the Victorian Order in the area where their services are most urgently needed.

QUEEN ELIZABETH HOSPITAL SCHOLARSHIP.—The *Martha Warren Scholarship* of $500 may be given, all or in part, by the Alumnae Association of the Queen Elizabeth Hospital School of Nursing to any Alumnae member, or members, who wish financial help for postgraduate study. Application for the scholarship must be submitted on or before April 25th of each year. The nurse accepting this scholarship is expected to work in the Queen Elizabeth Hospital for one year following completion of her course provided there is a position open in her field of study.

REDDY MEMORIAL HOSPITAL BURSARY.—The Board of Directors offers a bursary to assist with a year's study at the School for Graduate Nurses. Only graduates of the School of Nursing or Staff Nurses in connection with the Hospital are eligible and should apply to the Director or Nursing.

GOVERNMENT BURSARIES.—A limited number of bursaries are made available through the School by the Province of Quebec for nurses who wish to remain in the province.

KELLOGG FOUNDATION LOAN FUND.—Through the generosity of the Foundation, this fund has been established to assist graduate nurses who have unexpected expenses while registered in courses at the school. For further particulars applicants should consult the Director of the School for Graduate Nurses.

OPEN TO STUDENTS IN THE SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY

For scholarships, bursaries, and loan funds open to undergraduates in all faculties see page 622.

DR. F. G. FINLEY BOOK PRIZE.—Awarded annually to the student with the highest standing in the Third year of the Diploma Course in Physical Therapy.

QUEBEC SOCIETY OF OCCUPATIONAL THERAPY BOOK PRIZE.—Awarded annually to the student with the highest standing in the practical application of Occupational Therapy in the Third year of the Diploma Course.

CANADIAN PHYSIOTHERAPY ASSOCIATION BOOK PRIZE.—Awarded annually to the student with the highest standing in the final year of the Degree Course.

LIEUTENANT-GOVERNOR'S GOLD MEDAL.—Awarded to the student with the highest standing throughout the Degree Course.

OPEN TO STUDENTS IN THE SCHOOL OF SOCIAL WORK

A number of bursaries are available for each session.

Substantial financial assistance may be given under the Federal, Provincial Health Grants to students desiring to qualify in psychiatric and medical social work.

Similar assistance is also available through some Provincial Governments in Canada and State Governments in the United States. Prospective students, other than those from Quebec, interested in obtaining

such financial assistance should make inquiry through their provincial or state government. Overseas students should inquire of their governments of the availability of United Nations and Colombo Plan Study Grants.

A limited number of bursaries supported by private organizations are available.

While awards are made only to students of attainment and promise, the financial needs of applicants will receive consideration. Inquiries should be addressed to the Director.

Loans are available from the Social Work Alumni and Southam Loan Funds; from the Pi Beta Phi Loan Fund established for the use of students in financing their training or in meeting temporary or emergency needs and from a few private welfare organizations on arrangements made by the School.

BERLINER STUDENT LOAN FUND (see page 630).

OTHER LOAN FUNDS (see page 629).

VI. MEDALS AND PRIZES IN THE DEPARTMENT OF ATHLETICS, PHYSICAL EDUCATION, AND RECREATION

1. FOR MEN

WICKSTEED MEDALS.—The Wicksteed silver and bronze medals for physical education (the gift of the late Dr. R. J. Wicksteed) are offered for competition to students of the graduating class and to students who have had instruction in the gymnasium for two sessions; the silver medal to the former, the bronze medal to the latter. The award of these medals is made by judges appointed by the University. The medal is not awarded to any student who fails in his examinations for the degree.

DR. F. W. HARVEY CUP.—Awarded to the winner of the Freshmen group in the Wicksteed Gymnastic Competition.

D. STUART FORBES TROPHY.—Awarded to the McGill student who, in the opinion of the Student's Athletics Council, has brought most credit to the University by reason of his athletic achievements.

DR. CHARLES F. MARTIN LAWN TENNIS TROPHY.—Presented by the late Walter Vaughan, a former Bursar, in honour of Dr. Charles F. Martin, this trophy is open for competition to undergraduate students of McGill University and is awarded to the winner of the annual singles competition. A miniature is presented to the winner for his retention.

WARREN HURD MEMORIAL TROPHY.—For the undergraduate half-mile champion in Track.

FOOTBALL TROPHIES

FRED WIGLE MEMORIAL TROPHY.—For the most sportsmanlike Senior Football player.

CLAIRE MUSSEN MEMORIAL TROPHY.—For the most valuable Intermediate Football player.

MCGILL TOUCHDOWN CLUB TROPHY.—For the most valuable Lineman in Senior Football.

LOIS OBECK TROPHY.—For the most improved Senior Football player of the year.

W. S. LEA MEMORIAL TROPHY.—For the most valuable Senior Football player.

HOCKEY TROPHIES

DR. BOBBY BELL MEMORIAL TROPHY.—For the most valuable Senior Hockey player.

BERT FYON TROPHY.—For the most improved player on the Senior Hockey Team.

I. FOR WOMEN

DR. CHARLES F. MARTIN LAWN TENNIS TROPHY.—Presented by the late Walter Vaughan, a former Bursar, in honour of Dr. Charles F. Martin, this trophy is open for competition to undergraduate students of McGill University and is awarded to the winner of the annual singles competition. A miniature is presented to the winner for her retention.

INDEX OF AWARDS

PAGE

Abbott (Dr. Maude E. S.) Scholarships 662
Adilman (Alexander) Scholarship 633
Agriculture Scholarships 672
Aird (W. R.) Loan Fund 667
Alaska Pine & Cellulose Limited Scholarship 651
Alexander (Charles) Scholarship 633
Alexander Scholarship 668
Alexandra Hospital Scholarship 709
Allan (J. H. B.) Scholarship 663
Allan (Margaret Jane) Scholarship 633
Alliance Française Medals 639
Allied Chemical and Dye Corporation Fellowship 685
Alpha Omicron Pi Bursary 643
Aluminium Laboratories Limited Fellowship 685
Aluminum Company of Canada Scholarships 651
Alumnae Association of the School for Graduate Nurses Scholarship 709
Alumnae Society Bursaries and Loans 644
American Can Company Scholarships 621
American Smelting and Refining Company Scholarship 653
American Society for Metals Foundation Scholarship 652
American Society of Dental Medicine (Montreal Section) Book Prize 666
American Society of Heating and Airconditioning Engineers Prize .. 659
American Viscose Corporation Fellowship 685
Anglin Bursary 649
Anglin-Norcross Prizes 655
Arts and Science Scholarships 632
Association of Nurses Bursaries 710
Athlone Fellowships 704
Ballon (Ellen) Piano Scholarships 670
Ballon (I.) Memorial Medal 670
Barclay Scholarship 634
Baylis Scholarship 650
Beatty (Sir Edward) Memorial Medal 648
Beatty (Sir Edward) Memorial Scholarships 614

PAGE

Beatty (Sir Edward W.) Memorial Scholarships for Medical Students 664, 693
Bedford Graduates' Society's Scholarship 619
Bennett Educational Fund 659
Berliner Student Loan Fund 630
Birks (W. M.) Teaching Fellowship 671
Birks (W. M.) Prize 672
Birks (W. M.) Scholarships 671
Bishop of Montreal Prizes 683, 684
Block (Julius) Scholarship 671
B'nai B'rith Bursaries 623
B'nai B'rith Hillel Foundation Bursary 623
B'nai B'rith Women's Auxiliary No. 257 Bursary 644
Bond Metal Finishers Limited Scholarship 654
Borden Company Limited Scholarship 673
Botterell (Edmund Henry) Prize 645
British Association Prizes 655
British Association Medal 656
Bronfman Fellowships 690
Brown (Ernest) Gold Medal 656
Browne (A. A.) Fellowship 693
Bruce (Robert) Bursary 615
Bruce (Robert) Scholarships 615, 635
Bruck (Isaac) Memorial Scholarships 646
Bryson (Ella) Scholarship 679
Burke (Kenneth M.) Bursaries 626
Bursaries 609
Busteed (Edwin Botsford) Scholarship 697
Byers (A. F.) Bursary 655
California Standard Company Engineering Scholarship 651
California Standard Company Geological Scholarship 638
Cameron (A. Kirk) Prize 682
Canada Council Scholarships and Fellowships 696
Canadian Army University Course Memorial Bursary 628
Canadian Association of Textile Colourists and Chemists (Quebec Section) Scholarship 637
Canadian Club of Montreal Fiftieth Anniversary Student Aid Fund 630

	Page
Canadian Dental Association War Memorial Scholarship	666
Canadian Federation of University Women's Junior Fellowship	702
Canadian Federation of University Women's Margaret McWilliams Fellowship	702
Canadian Federation of University Women's Professional Fellowship	701
Canadian Federation of University Women's Travelling Fellowship	702
Canadian Government Overseas Awards	701
Canadian Institute of Mining and Metallurgy Loan Fund and Scholarship	652, 659
Canadian Institute of Mining and Metallurgy Prizes	658
Canadian Kodak Company Ltd. Fellowship	685
Canadian Legion Bursary	627
Canadian Pacific Railway Company's Scholarships	615
Canadian Physiotherapy Association Book Prize	711
Canadian Pittsburgh Industries Scholarship	649
Caplan (Joseph Lawrence) Memorial Bursary	627
Carpenter (Philip) Fellowship	690
Carswell Prizes	669
Carver (Kenneth) Prize	666
Caverhill (G. Rutherfurd) Fellowship in Medicine	697
Celanese Fellowship	685
Chapman (Henry) Gold Medal	639
Chapman (Henry) Prize	640
Chemical Industry Society's Prizes	656
Chemical Institute of Canada Prize	675
Cherry Prizes	640
Children of War Dead (Education Assistance) Act	622
Chipman (Walter) Gold Medal	660
Christie-Storer Scholarship	620
C-I-L Fellowships	686
C-I-L Fellowship in Agriculture	690
Clarkson Gordon Prize	647
Class of 1953 Book Prize	675
Colonial Research Grants	698
Collip (J. B.) Fellowships	686

	Page
Combined Enterprises Limited Bursary	617
Cominco Fellowship	686
Commercial Society Loan Fund	648
Community Planning Fellowships	686
Conklin Trophy	676
Consolidated Mining and Smelting Co. Fellowship	686
Construction Industry Scholarship	617
Cooper (James) Endowment	693
Corporation of Professional Engineers, Bursary of	650
Corporation of Quebec Land Surveyors Prize	655
Crankshaw (John E.) Prize	669
Crossley (Ethelwyn M.) Scholarship Fund	709
Cutler Shield	675
Daly (Marion McCall) Prize	641, 645
Dawson (Sir William) Scholarship	634, 649
Dawson (Sir William) Fellowship	692
Delta Phi Epsilon Sorority Bursary	636
Delta Upsilon Memorial Scholarship	695
Dental Surgeons of the Province of Quebec (College of) Prize	666
Demonstratorships	684
Derick (Carrie) Scholarship	644
Dey (William John) Bursaries	626
Director of Protestant Education Prizes	683
Dohan (Dr. M. J. T.) Prizes	667
Dominion-Provincial Bursaries	623
Donalda Prize	671
Dorion Prizes	667
Douglas (Dr. James) Bursaries	650
Douglas (Dr. James) Fellowship in Mining Engineering	692
Douglas (Dr. James) Fellowship in Pathology	693
Dow Chemical of Canada Limited Scholarship	651
Dow-Hickson Fellowship in Physics	697
Dow-Hickson Fellowship in Theoretical Philosophy	696
Dow-Hickson Scholarships	636
Drake (Joseph Morley) Prize	661
Drummond (Guy) Scholarship	703

PAGE

Duggan (G. H.) Memorial Scholarships 616
Dunlop (A. F.) Scholarship 703
Dunn (Stuart) Memorial Scholarship 627
DuPont Company of Canada (1956) Limited Scholarships 680
Eccles (James) Scholarship 622
Eddy (Russell J.) Foundation Scholarships 694
Elder (John Munro) Prize 661
Electrical Manufacturing Co. Ltd. Prize 657
Electrodesign Prize 662
Engineering Institute of Canada Prizes 657, 658
Engineering Undergraduate Society's Prizes 658
Evans (Nevil Norton) Scholarship 652
Exhibition of 1851 Scholarships 698
Faculty Essay Prizes 670
Faculty Scholarships 633, 635
Fairley (Grace) Trafalgar Scholarship 619
Fantham Memorial Prize in Zoology 640
Farrand (Narcissa) Scholarship 619
Federation of Protestant Women Teachers of Greater Montreal Bursaries 681
Federation of Protestant Women Teachers of Montreal Prize 683
Finley (Dr. F. G.) Book Prize 711
Finley (Samuel) Memorial Scholarship 672
Fisher Trust Fund 674
Fleming (A.) Loan Fund 670
Football Trophies 713
Forbes (D. Stuart) Trophy 712
Forsyth (Dora) Prize 640, 645
Forsyth (Robert) Prizes 657, 661
Fourth year Scholarships in Arts and Science 636
French Government's Bronze Medal 639
French Summer School Scholarships 709
Frost (George Henry) Loan Fund 659
Frothingham Bursaries 626
Fyon (Bert) Trophy 713
General Motors Scholarships 613

	Page
German Embassy Prize	641
Glasgow Exchange Fellowship	699
Glassco (Gladys) Memorial Loan Fund	671
Goldenberg (Maurice) Memorial Scholarship	635, 668
Gorham (James Rist) Scholarship	673
Gottesman Fellowship	687
Governor-General's Bronze Medals	675, 678, 681
Governor-General's Gold Medal	639
Governor-General's Silver Medal	639
Graduate Students' Loan Fund	708
Greek Students Bursary and Loan Fund	631
Greenblatt Scholarship	636
Greenshields, Chief Justice, Prize	669
Greenshields (Chief Justice R.A.E.) Memorial Scholarships	667
Grolier Society Scholarship	709
Hall (Elizabeth G.) Scholarship Fund	709
Hall (James Dickie) Prizes	658
Halpern (Simon and Rosalie) Memorial Scholarship	664
Harrington (Dr. B. J.) Bursary	692
Harrison Prize	678
Harvey (Dr. F. W.) Cup	712
Herschorn Loan Fund	630
Herschorn (H. E.) Prize	669
Hersey (Mabel F.) Scholarship	710
Hersey (Milton) Prizes	683, 684
Hewitt Equipment Limited Scholarship	653
Hibbert (Harold) Memorial Fellowship	687
Hill (Sarah Emma) Scholarship	679
Hils (Joseph) Prize	661
Hingston Bursary	628
Historical Society's Prize	640
Hoare (Walter J.) Scholarship	663
Hockey Trophies	713
Hodgson (Madelene) Prize	640
Hodgson (Sidney J.) Scholarships	618
Holmes Gold Medal	660

	Page
Holmes (Estella) Scholarship	679
Home Economics Club Prize	678
Houston Scholarship	634
Howard (Campbell) Prize	662
Howard (William Henry) Scholarships	651
Hunt (Dr. T. Sterry) Scholarship	687
Hunter (Georgina) Scholarship	644
Hurd (Warren) Memorial Trophy	713
Hurlbatt (Ethel) Scholarship	644
Hutchinson (Blanche) Research Fund	693
Hutchison (Keith) Memorial Scholarships	663
I. M. E. Prize	669
Imperial Oil Graduate Research Fellowships	694
Inco Fellowship	687
Inco Scholarship	613
International College of Dentists (Canadian Section) Scholarship	665
International Nickel of Canada Fellowships	695
I.O.D.E. Bursary in Household Science	677
I.O.D.E. Bursaries in the Institute of Education	678
I.O.D.E. Kay Kerry Chapter Bursary	680
I.O.D.E. Scholarship in Agriculture	673
I.O.D.E. Second War Memorial Bursaries	620
I.O.D.E. Postgraduate Scholarships	699
Institute of Radio Engineers Prizes	656
Instructorships	684
Iron Ore Company of Canada Scholarships	653
Isaacs (Celia Amdur) Memorial Bursary	624
Jackson (F. Slater) Prize	661
Jacobs (Joseph H.) Prize	647
Jacobs (Lyon W.) Bursary	668
Jacobson (Joseph Alfred) Memorial Scholarship	627
James (Boswell) Loan Fund	665
Jenkins Brothers' Scholarship	650
Johnson (Phelps) Prize	658
Johnson's Wax Scholarship	654
Jones (Eliza M.) Scholarships	672

PAGE

Jones (Frank P.) Scholarships 617
Jones (Hon. Robert) Bursary 614, 649
Joseph (Ethel Walkem) Prize 682
Junior Bar Association Prize 669
Keenan (Campbell) Memorial Prize 661
Keenan (Campbell) Memorial Scholarship 663
Keenan (Mary) Scholarship 690
Kellogg Loan Fund 665, 667, 711
Kennecott Copper Corporation Scholarships 651
Ker (Frederick Southam) Bursary 624
Ker (James Grahame) and Frederick K. Petrie Memorial Scholarship 663
Kerry (Kay) Chapter I.O.D.E. Bursary 680
Khaki University and Y.M.C.A. Memorial Scholarship Fund 625
King (Mackenzie) Travelling Scholarships 704
Kiwanis Club of Dorion-Vaudreuil Bursary 681
Knights of Pythias Scholarship 636
Kneeland (Gardner) Memorial Prize 682
La Corporation des Agronomes Prize 676
La Ferme Prize 676
Lamb (A. S.) Scholarships 681
Lang (Abraham I.) Memorial Bursary 625
Lapitsky (Samuel) Scholarship 691
Lea (Richard S.) Tutorial Bursary 650
Lea (W.S.) Memorial Trophy 713
Leonard Foundation Scholarships 625
Leopold (Felix) Bursary 625
LeRoy Memorial Fellowship 687
Lieutenant-Governor's Medals 639, 648, 657, 660, 666, 675, 676, 678, 682, 683
Loan Funds 609, 629
Loans 609
Lochhead Memorial Prize 675
Logan (David C.) Memorial Scholarship 680
Logan Gold Medal 639
Logan Prizes in Botany and Zoology 641

	Page
Logan Scholarships	634
Lomer (Dr. G. R.) Scholarships	708
Lowry (Dr. I. K.) Prizes	667
Lutfy (Nouralla) Memorial Bursary	626
Lyman (Hannah Willard) Scholarship	636
McCall (James Darling) Scholarship	637
McCall (James Davidson) Scholarship	618
McCaskill (Duncan) Scholarship	620
McCharles Prize	656
McConnell (J. W.) Memorial Scholarships	612
McConnell (J. W.) Memorial Scholarships, Holders of	607
McCrae (John) Fellowship	697
Macdonald College Alumni Bursaries	672
Macdonald College Students' Loan Fund	676
Macdonald (Sir William) Entrance Scholarships	614
Macdonald (Sir William) Scholarships in Arts and Science	633
Macdonald (Sir William) Memorial Scholarships in Music	670
Macdonald (Sir William) Travelling Scholarship in Law	705
Macdonald Teachers' Alumni Association Scholarship	679
Macfarlane (Frederica Campbell) Scholarship	676
McFee (Alexander) Fellowship	687
McGill Alumnae Scholarships	644
McGill University Carnegie Arctic Scholarships	688
McGill Pharmacy Alumni Society Bursary	627
McGill U.N.T.D. Bursary	627
McGill (Women Associates of) Bursary	626
McGregor (Ida) Scholarship	710
Macintosh (Annie) Prize	639, 645
MacKay (H. M.) Memorial Scholarship	650
Mackenzie (Alexander) Fellowship	691
Mackenzie (Alexander) Scholarships	636
McLennan (Hugh) Scholarship	703
McLennan (Isabella) Bursary and Student Loan Fund	659
McManus (George J.) Memorial Scholarships	622
Macnaghten (Chester) Prizes	628
MacRae (Isabella) Scholarship	619

PAGE

Magor (Marion) Scholarship 671
Mailhiot (Adolphe) Memorial Prize 669
Marceau (Ernest) Prize 658
Martin (Dr. Charles F.) Lawn Tennis Trophy 712, 713
Martlet Foundation Loan Fund 630
Medical Jurisprudence and Toxicology Prize 661
Millar (Mrs. M. Dorothea) Loan Fund 630
Millen (Laddie) Memorial Scholarship 646
Mills (Major Hiram) Gold Medal 639
Mills (Major Hiram) Scholarship 634
Mining and Metallurgical Research Fellowships 692
Minister of Agriculture Medals 676
Miron Fellowship in Concrete Studies 688
Mobil Oil of Canada, Ltd. Scholarships 638, 653
Molson (Anne) Gold Medal 639
Molson (Anne) Prize 644
Molson (Anne) Scholarship 638
Molson (H. W.) Fellowship in Cancer 693
Montreal Bar Association Prize 669
Montreal Branch, Canadian Women's Press Club Scholarship in Journalism 626
Montreal Children's Hospital Scholarship 710
Montreal Day Nursery Scholarship 681
Montreal Dental Club Gold Medal 666
Montreal Dental Club Prizes 666
Montreal Endodontia Society Book Prize 666
Montreal General Hospital Scholarships 710
Montreal Home Economics Association Bursaries 677
Montreal Local Council of Women Prize 678
Montreal Neurological Institute Fellowships 693
Montreal Section American Society of Dental Medicine Book Prize. 666
Montreal Women's Club Eliza Reid Memorial Scholarship 620
Montreal Stock Exchange and Canadian Stock Exchange Prize 647
Morris (Alexander) Exhibition 669
Morssen (Charles Michael) Gold Medal 657
Mount Royal Dental Society Prizes 667

	Page
Moyse Travelling Scholarships	703
Muskatov (Boris) Prize in Psychology	641
National Cancer Institute Research Fellowships	695
National Council of Jewish Women of Montreal Bursaries	624
National Research Council Medical Fellowships	698
National Research Council Scholarships	695
Nicol (Honourable Jacob) Prize	683
North American Cyanamid Limited Scholarship	680
Notre Dame de Grace Women's Club Bursary	620
Nova Scotia College of Agriculture Scholarship	673
Nuffield Foundation Fellowships	700
Nuffield Foundation Medical Travelling Fellowships	705
Nurses' Association Scholarship	710
Nutting (Charles Albert) Prize	668
Oliver (Allen) Fellowship	696
Oliver (Allen) Gold Medal	639
Ontario Research Foundation Scholarships	695
Orenda Engines Limited Scholarships	653
Osler Memorial Scholarship	698
Ottawa Valley Graduates' Society Bursary	615
Pappelbaum (Sydney S.) Bursary	647
Peat, Marwick, Mitchell & Co. Scholarship	646
Penhallow Prize	640
Penhallow Scholarship in Botany	634
Peterson Memorial Prize in Literature	640
Peterson Memorial Scholarships in Classics	634
Peterson Memorial Scholarships in Music	670
Petrie (Frederick K.) and James Grahame Ker Memorial Scholarship	663
Pettes, Mrs. N. (Narcissa Farrand) Scholarship	619
Pharmacy Alumni Society Bursary	627
Phillips (Gordon) Fund	693
Physical Education (School of) Gold Medal	682
Physicians and Surgeons of the Province of Quebec (College of) Prize in Medicine and Pathology	662
Physicians and Surgeons of the Province of Quebec (College of) Prize in Paediatrics	662

	PAGE
Pi Beta Phi Loan Fund	712
Pickleman (G. J.) Bursary	665
Porter (Dr. J. B.) Scholarship	692
Pratt (J. K.) Memorial Loan Fund	630
Presbyterian College Scholarships	635
Price Waterhouse & Co. Scholarship	646
Primary Prize in Medicine	661
Prince of Wales Gold Medal	639
Prince of Wales Scholarship	637
Procter & Gamble Student Bursary Fund	623
Protestant School Board of Greater Montreal Bursaries	680
Protestant High School Women Teachers Association of Greater Montreal Prize	682
Provincial Association of Protestant Teachers Bursaries	680
Provincial Government Bursaries	680
Psychiatry Prize	662
Quebec (Province of) Bursaries in Nursing	711
Quebec (Province of) Mining Bursaries	654
Quebec (Province of) Postgraduate Scholarships	700
Quebec (Province of) Psychological Association Prize	642
Quebec (Province of) Scientific Research Bureau Fellowships	688
Quebec Road Builders Association Prize	659
Quebec Women's Institute Bursary	673
Quebec Society of Occupational Therapy Book Prize	711
Queen Elizabeth Hospital Scholarship	710
Queen Esther Chapter No. 30 Order of the Eastern Star Bursary	618
Raynauld (Robert) Prizes	674
R.C.A.F. Benevolent Fund	630
R.C.E. Memorial Scholarships	654
R.D.A. Teachers' Association Prize	682
Reading Society of Montreal Prize	669
Reddy Memorial Hospital Scholarship	711
Redpath (Jane) Exhibition	633
Reford Scholarship	634
Reid (Helen R. Y.) Scholarship	644
Research Council Scholarships (National)	695

PAGE

Ressler Memorial Scholarship 671
Rhodes Scholarships 700
Robb (Janet Morison) Bursary 677
Robertson (Louis) Prize 657
Robins (Dr. S. P.) Memorial Prize 682
Rosenfeld (Samuel) Prize 661
Rosenfeld (Samuel) Scholarship 664
Rotary Club of Ottawa Student Loan Fund 630
Rowat (Thomas Alexander) Scholarship 668
Royal Architectural Institute of Canada Medal 657
Royal Canadian Institute Scholarship 638
Royal Commissioners for 1851 Scholarships 698
Royal Victoria College Entrance Scholarships 615, 642
Royal Victoria College Resident Bursaries 643
Royal Victoria College Residents' Loan Fund 644
Royal Victoria Hospital Scholarships 710
Rutherford (J. M.) Memorial Prize 628
Rutherford Scholarship 699
Savory Bursary 665
Schubert (Joseph) Memorial Scholarship 694
Science '25 Memorial Loan Fund 660
Scott (Barbara) Scholarship 633
Scott (Canon) Chapter, I.O.D.E. Prize 682
Scott Exhibition 655
Second Year Scholarships in Arts and Science 633
Segall (Harold W.) Loan Fund 630
Shakespeare Gold Medal 639
Shakespeare Scholarship 637
Sharp (F. W.) Prize in Commerce 647
Sharwood (Robert) Memorial Scholarship 664
Sheckman, (Mona Bronfman) Prize 662
Shell Oil Fellowship 688
Shell Postgraduate Scholarships 701
Smith (Angus McCoy) Scholarship 637
Smith (Bruce) Bursary Fund 665

	Page
Smith (Frederick) Memorial Scholarship	662
Smith (Seba Abbott) Memorial Scholarship	615
Snyder (Charles William) Memorial Scholarships	637
Social Work Alumni Loan Fund	712
Society of Chemical Industry Prizes	656
Solvay Fellowship	689
Southam Loan Fund	712
Sproule (Gordon) Memorial Scholarship	652
Spruce Falls Power and Paper Company Limited Fellowship	688
Spruce Falls Power and Paper Company Limited Scholarship	618
Steinberg Bursary	673
Stern Cup	675
Stewart (Alexander D.) Prize	661
Stewart (Neil) Prize	629
Stewart (Walter M.) Scholarships in Agriculture	690
St. Francis District Graduates' Society Bursary	619
St. George's Lodge No. 10 A.F. & A.M. Loan Fund	684
Student Teachers' Society Loan Fund	684
Students' Society Loan Fund	629
Students' Society Bursaries	624
Superintendent of Education's Medal	683
Sutherland Gold Medal	660
Swiss Exchange Scholarships	701
Switzerland, Prizes of Ambassador in Canada	641
Tagge (Arthur C.) Fellowship	691
Temple Emanu-el Sisterhood Bursary	627
Third Year Scholarships in Arts and Science	635
Thomas (Emma) Scholarship	710
Thompson (Professor R. R.) Memorial Prize	647
Torrance (Elizabeth) Gold Medal	670
Trafalgar (Grace Fairley) Scholarship	619
Turnbull Elevator Company Limited Prizes	659
Turner (P. J.) Prize	657
Undergraduate Society Prizes in Engineering	658
Union Carbide (Pulp and Paper Research Institute) Fellowship	689
Union Carbide Research Fellowships	691

PAGE

University Bursaries 609
University Entrance Scholarships 610
University Fellowships 691
University Scholars 605, 607
University Scholarships 608, 622
University Loan Fund 629
University Lodge Loan Fund 629
Vaughan (Susan Cameron) Scholarship 644
Verdun Women's Club Inc. Bursary 620
Verdun Women's Club Inc. Harriet Morris Memorial Bursary 679
Victor (Jeannette) Memorial Scholarship 694
Victorian Order of Nurses' Scholarship 710
Volberg (Weston Fay, Jr.) Memorial Loan Fund 665
Waddell Loan Fund 659, 692
Warren (Martha) Scholarship 710
Watson (Harrison) Scholarship 689
Watt (Mrs. Alfred) Memorial Scholarship 677
Westmount Women's Club Scholarship 620
White (Morton J.) Loan Fund 648
Wicksteed Medals for Physical Education 712
Williams (Dr. J. Francis) Scholarship 698
Wilson (Edgar) Scholarships 614
Wilson (J. C.) Prizes 683
Wilson (Margaret) Scholarships 614
Wilson (Morris W.) Memorial Scholarships 612
Wilson (Morris W.) Memorial Scholarships, Holders of 607
Wilson (Woodrow) Fellowships 697
Wisdom (Charles S. C.) Bursary 647
Wisdom (Stuart Albert) Memorial Scholarship 652
Wolfe (Annie Rabin) Bursary 624
Wolvin (Roy M.) Scholarships and Bursaries 634, 649
Women Associates of McGill Bursary 626
Women's Personnel Group of Montreal Book Prize 641
Women's Union Scholarship 643
Wood Gold Medal 660
Workman Studentship 649
Y.M.C.A. Memorial Scholarship Fund 625

McGill University



Montreal

Faculty of Arts and Science

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Institute of Education
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, and School of Household Science.)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

INDEX

	PAGE
Administrative Officers	1007
Admission Requirements	1011
Admission to Upper Years	1011
Advanced Courses	1018
Age of Admission	1011
Anatomy	1031
Ancient History	1050
Anthropology	1154
Application Forms	1010
Art	1073
B.A., Courses for General Degree	1015
B.A., Courses for Honours Degree	1024
B.Sc., Courses for General Degree	1020
B.Sc., Courses for Honours Degree	1025
Bacteriology	1031
Biochemistry	1033
Biological Sciences, General, Honours B.Sc. in	1026
Botany	1036
Chemistry	1039
Classes of Student	1014
Classics	1047
Committees	1008
Common First Year	1014
Continuation Subjects	1018
Courses of Lectures in Arts and Science	1030
Distinction in General Course	1019
Economics	1052
Education	1065
English	1065
Entrance Requirements	1011
Faculty of Arts and Science	1010
Faculties and Schools	1026
Fees	1030
Fine Arts	1073
French	1141

INDEX—*Continued*

	PAGE
French Summer School	1029
General Courses for B.A. Degree	1015
General Courses for B.Sc. Degree	1020
Genetics	1074
Geography	1079
Geological Sciences	1085
German	1091
Greek	1047
Histology	1031
History	1099
History, Ancient	1050
Honours Course Regulations	1023
Honours Courses for B.A. Degree	1024
Honours Courses for B.Sc. Degree	1025
Honours B.Sc. in Biological Sciences, General	1026
Italian	1148
Latin	1048
Limited Undergraduates	1014
Linguistics	1050
Mathematics	1105
Mineralogy	1086
Music	1116
Partial Students	1014
Period of Study for a Degree	1013
Philosophy	1118
Physics	1123
Physiology	1134
Political Science	1059
Professional Faculties	1026
Psychology	1136
Registration	1013
Religion	1140
Requirements for Admission to Professional Courses	1026
Romance Languages	1141
Russian	1098

INDEX—*Continued*

	PAGE
Sociology	1154
Spanish	1151
Standing Committees	1008
Summer School in French	1029
Undergraduates	1014
Women Students	1011
Zoology	1162

Faculty of Arts and Science

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. *Principal*

David L. Thomson, M.A., Ph.D., LL.D., F.C.I.C., F.R.C.S. *Vice-Principal*

The Principal and Vice-Principal are ex officio members of Faculty

H. N. Fieldhouse, B.A. (Oxon.), M.A. (Sheffield), F.R.S.C.
Dean of McGill College

C. D. Solin, Ph.D. (Tor.), M.A. *Assistant Dean*

Jean E. L. Launay, Licencié-ès-Lettres, Diplômé d'Études Supérieures (Paris), Agrégé de l'Université de France *Chairman, Humanities Group*

John Stanley, B.A. (U.B.C.), M.A., Ph.D. (Minnesota)
Chairman, Biological Sciences Group

C. A. Winkler, O.B.E., M.Sc. (Man.), D.Phil. (Oxon.), Ph.D., F.C.I.C., F.R.S.C. *Chairman, Physical Sciences Group*

———— *Chairman, Social Studies and Commerce Group*

E. W. Kierans, B.A. (Loyola) *Director of the School of Commerce*

D. C. Munroe, M.A. *Director of the Institute of Education*

Vernon Ross, B.S. in Lib.Sci. (Columbia), M.A.
Director of the Library School

J. J. O. Moore, A.B. (Missouri), M.A. (Denver), Ed.D. (Columbia)
Director of the School of Social Work

COUNCIL

The Dean, the Principal, and the four Group Chairmen form the Council of Faculty

OFFICERS OF THE UNIVERSITY

G. A. Grimson, B.Com. *Comptroller*

Colin McDougall, D.S.O., B.A. *Registrar*

Richard Pennington, B.A., Lib.Dip. *Librarian*

E. C. Knowles, D.D., M.A. *University Chaplain and Student Counsellor*

STANDING COMMITTEES OF THE FACULTY OF ARTS AND SCIENCE

SESSION 1958-59

B.A. ADVISORY COMMITTEE

HERBERT TATE, *Chairman*
THE DEAN
J. I. COOPER
F. K. HARE
T. G. HENDERSON
W. O. JUDKINS
J. E. L. LAUNAY
P. F. MCCULLAGH
H. S. REISS
C. E. SMITH
R. S. WALKER
E. C. WEBSTER
W. A. WESTLEY
THE ASSISTANT DEAN

B.Com. ADVISORY COMMITTEE

E. W. KIERANS, *Chairman*
THE DEAN
K. F. BYRD
F. K. HARE
W. S. REID
HERBERT TATE
E. C. WEBSTER
W. A. WESTLEY
THE ASSISTANT DEAN

B.Sc. ADVISORY COMMITTEE

T. H. CLARK, *Chairman*
THE DEAN
J. B. BIRD
J. W BOYES
D. O. HEBB
F. C. MACINTOSH
MURIEL V. ROSCOE
JOHN STANLEY
D. L. THOMSON
P. R. WALLACE
C. A. WINKLER
G. A. WOONTON
THE ASSISTANT DEAN

The B.A., B.Sc., and B.Com. Advisory Committees also act together as a General Advisory Committee.

B.Ed. ADVISORY COMMITTEE

D. C. MUBROE, *Chairman*
THE DEAN
C. C. BAYLEY
WAYNE HALL
F. HANSON
J. E. L. LAUNAY
F. C. MACINTOSH
C. B. PURVES
C. E. SMITH
H. TATE
R. S. WALKER
WINONA WOOD
THE ASSISTANT DEAN

M.S.W. ADVISORY COMMITTEE

J. J. O. MOORE, *Chairman*
THE DEAN
VERITY ROSS
C. E. SMITH
D. L. THOMSON
E. C. WEBSTER
W. A. WESTLEY
THE ASSISTANT DEAN

B.L.S. ADVISORY COMMITTEE

Vernon Ross, *Chairman*
The Dean
H. G. Files
J. S. Marshall
Virginia Murray
Richard Pennington
Muriel V. Roscoe
Aileen Ross
The Assistant Dean

SCHOLARSHIPS COMMITTEE

Herbert Tate, *Chairman*
The Dean
J. I. Cooper
Cecil Currie
J. E. L. Launay
F. C. MacIntosh
J. R. Mallory
R. V. V. Nicholls
E. R. Pounder
Muriel V. Roscoe
The Assistant Dean

MOYSE SCHOLARSHIP COMMITTEES

LITERARY SUBJECTS

Raymond Klibansky, *Chairman*
C. C. Bayley
H. G. Files

SCIENTIFIC SUBJECTS

C. B. Purves, *Chairman*
John Stanley
D. L. Thomson

TIME TABLE COMMITTEE

Herbert Tate, *Chairman*
Cecil Currie
A. S. Ross
The Assistant Dean

COMMITTEE ON ADMISSIONS AND STANDING

D. L. Thomson, *Chairman*
The Dean
R. D. Gibbs
R. K. Holcomb
E. W. Kierans
E. R. Pounder
W. S. Reid
Muriel V. Roscoe
Kathleen G. Terroux
The Assistant Dean

A complete list of the teaching staff of the University, including the Faculty of Arts and Science, is printed as a separate Announcement which may be obtained from the Registrar's Office.

The Faculty of Arts and Science

(McGILL COLLEGE)

THE FACULTY AND ITS DEGREES

The undergraduate work of the University in Arts, in Pure Science, and in Commerce is done in McGill College, usually called the Faculty of Arts and Science. The Dean of McGill College is the Dean of the Faculty of Arts and Science. The following degrees are awarded in Faculty:

Bachelor of Arts (*B.A.*),
Bachelor of Science (*B.Sc.*),
Bachelor of Commerce (*B.Com.*),
Bachelor of Education (*B.Ed.*),

In the case of the first three of these degrees, the Faculty offers both a General Degree and an Honours Degree.

The Library School and the School of Social Work are integral parts of the Faculty which, therefore, recommends, to Senate, candidates for the degrees of *Bachelor of Library Science and Master of Social Work.*

The work of students who are candidates for the degrees of Bachelor of Commerce and Bachelor of Education is supervised, under the Dean, by the Directors of the School of Commerce and of the Institute of Education, respectively. While the School and the Institute are integral parts of Faculty, each has a separate Announcement.

APPLICATION FOR ADMISSION

All applications to enter the Faculty of Arts and Science must be made on forms which may be obtained from the Registrar's office. Each applicant from a High School should see that a confidential report is sent from his Principal to the Registrar, since such a report is necessary for the consideration of the application. Completed applications must reach the Registrar before August 31st, but it is advantageous for students to submit formal applications in the Spring months, supplementing them, if necessary, with the required certificates as soon as these become available.

Each accepted candidate will receive a formal acceptance into a definite course and year, and this must be kept for presentation at Registration.

The number of admissions is limited and the College is not bound to accept applicants who have passed the required examinations.

MINIMUM AGE

Except in special circumstances, no student under the age of sixteen is admitted to the First year, or under the age of seventeen to the Second year.

WOMEN STUDENTS

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men.

Women students whose homes are outside Montreal must make application, before May 31st, to the Warden of the Royal Victoria College for residence. At the same time, they must submit their academic applications (even if these are incomplete). Forms for these purposes are obtainable from the College or from the Registrar's Office.

Those women students in the Faculty who do not reside with their parents or guardians in Montreal and who wish to live outside the University residences are required to submit their plans for residence, in writing, to the Warden and to obtain written approval. Students in this category who are entering the University for the first time must, in all cases, fill out residential application blanks when the academic application is submitted.

ENTRANCE REQUIREMENTS (For the Session 1958-59)

See General Announcement for details.

Students may be admitted into the Faculty, as regular undergraduates, after obtaining the necessary standing in the required papers of the McGill Junior or Senior School Certificate examination, or their recognized equivalents. Full details concerning these examinations are given in the School Certificate Examinations Announcement, which may be obtained from the Registrar's office. *A student with incomplete matriculation qualifications is not admitted as a regular undergraduate.*

FIRST YEAR

A student may apply for admission to the First year of the undergraduate degree courses in the Faculty after obtaining the necessary standing in the appropriate subjects of the School Certificate Examination or in one of the examinations recognized by the University as the equivalent.

SECOND YEAR

A student may apply for admission to the Second year of these courses after obtaining the necessary standing in the appropriate papers of the

School Certificate *and* Senior School Certificate Examinations or their recognized equivalents. Only in exceptional circumstances is a student who has not written and passed the School Certificate Examinations or their equivalent admitted by Senior School Certificate.

A student who has been admitted to the First year and who has failed to advance to the Second year is not permitted so obtain advanced standing by writing Senior School Certificate Examinations. Provided that he has not been excluded from further study for academic or other reasons, he is required to take the regular supplemental examinations of the First year if he desires to proceed in his course.

Students who are admitted to the B.A. course without having satisfied the requirement of the Classical Language must include a classical language in their programme for two years. All applications for exemption from the classics requirement must be submitted, in writing, to the Dean, prior to registration.

Candidates for admission to the University in the Second year of the B.A. course may offer, in place of Senior Matriculation Mathematics, another subject in which they have shown marked proficiency and which is in accordance with the trend of the studies which they are preparing to pursue. In general, however, students are advised to offer Mathematics. It is a prerequisite to all advanced courses in the Science division and must be taken if either Physics or Chemistry is included in the Senior Matriculation programme. It is also a required subject for students who intend to take courses in the Social Sciences, excluding History and Political Science. For this reason, unless a student intends to take Honours in one of the Humanities (English, Languages, Philosophy) or in Political Science or History, Mathematics is obligatory. In any case, no student will be permitted to offer another subject in place of Mathematics unless he or she has passed the Elementary Mathematics of the Junior School Certificate, or its equivalent, and has achieved at least 75% in the Junior School Certificate examinations in History, or a Modern Language, or Classics. Only a subject in which this 75% is obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, candidates are expected to choose History as their substitute.

Students may be admitted to the Second year in the B.A. course with School Certificate German or Greek or Spanish as one of the five subjects required if they have not previously taken that subject for the School Certificate.

Full details of these examinations are given in the School Certificate Accouncement which may be obtained from the Registrar's Office.

THIRD YEAR

A student may apply to enter the Third year by submitting application forms as for First and Second years together with the necessary certificates of attainment.

REGISTRATION

All First year students in the Faculty of Arts and Science will register on Thursday, September 11th, in the Sir Arthur Currie Memorial Gymnasium. Those in B.Sc. 1 and B.Com. 1 will register from 9.00 a.m. to 12 noon and those in B.A. 1 from 1.30 to 4 p.m. Students in the Second, Third, and Fourth years B.A., B.Sc., and B.Com. whose names begin with the letters A to L, and all students in the Third and Fourth years B.Ed. will register on Monday, September 22nd from 9 a.m. to 4 p.m. and all students in the Second, Third, and Fourth years B.A., B.Sc. and B.Com. whose names begin with the letters M to Z ,and all Partial students will register on Tuesday, September 23rd from 9 a.m. to 4 p.m., in the Gymnasium.

The Freshman Welcome meeting will take place on Friday, September 12th.

All students who do not register on the day and time specified for them will be charged a late registration fee.

No student will be admitted after October 1st except by special permission of the Dean.

At the time of registration, women students in the Faculty will be required to fill out special forms for the Royal Victoria College, of which they are automatically members (see pages 308 to 311 of the General Information booklet enclosed with this Announcement).

Each regular undergraduate must be registered for the courses and year for which he has been accepted. Limited Undergraduates and Partial Students must obtain approval of their courses from the Admitting Officers before proceeding to register.

No undergraduate may attend classes in any course for which he is not registered. Students who withdraw during the session must cancel their registration on the official form provided at the Registrar's office.

PERIOD OF STUDY FOR A DEGREE

The bachelor's degree may be obtained only by students who have regularly attended the prescribed courses for at least four years after being admitted into the First year, or for at least three years after being admitted into the Second year. Students are admitted into the Third year only in exceptional circumstances and at least two full years of resident study in the Faculty are ordinarily required before the bachelor's degree can be granted.

CLASSES OF STUDENT IN THE FACULTY

(1) *Regular Undergraduates* are students who have complete matriculation qualifications and who are taking the regular work of their year towards the appropriate degree.

(2) *Limited Undergraduates* are students who have complete matriculation qualifications but who find themselves unable, because of ill-health or other circumstances, to complete their degree work in the required four years. Such students may, with the Dean's permission, extend their course beyond the required period but must complete it within eight years.

Limited Undergraduates are not eligible for scholarships, medals, bursaries, or prizes of any description and may not read for an Honours degree.

(3) *Partial Students* are students who are not registered as proceeding to a degree but who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the lecturer in the course concerned that they have sufficient ability to do the work in the course. Application may be refused because of limitation of space in lecture rooms and laboratories. A student who has tried, and failed, to pass matriculation is not allowed to register as a partial student except in special circumstances.

If a Partial Student hopes to secure credit for a course, he or she must fulfil all the requirements of classroom work and tests which are prescribed for that course for regular students.

A Partial Student who has successfully passed the courses of a previous year is not necessarily accepted at a later session.

Subject to the above limitations, lectures are open to Partial Students in both Honours and General classes. Such a student may request the Registrar to issue a certificate stating that he has followed certain courses and showing his class standing in each. Work taken by a Partial Student cannot, however, be counted towards a McGill degree without a special vote of Faculty.

Partial Students are not eligible for scholarships, bursaries, medals, or prizes.

COMMON FIRST YEAR

A student who is qualified by matriculation to proceed to the B.A. or B.Sc. degree and who does not know, at the beginning of his First year, which degree he desires to obtain, may qualify to enter the Second year leading to either of these degrees by taking in his First year—English, Mathematics, a Classical Language, Physics, and Chemistry. This is known as the *Common First Year* and the student pays the fee required for the First year B.Sc. course.

ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

The attention of students is called to a pamphlet entitled *Regulations Governing Attendance, Examinations, and Advancement* issued by the Faculty of Arts and Science. Copies are distributed at the time of registration. Extra copies may be obtained through the Dean's office.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF ARTS

Every candidate for the B.A. degree must meet certain requirements, whether he is proceeding towards an Honours or a General degree.

NUMBER OF COURSES

In each of the First and Second years, five courses must be taken, that is, normally fifteen hours of class work per week; and in the Third and Fourth years, respectively, four courses, making twelve hours per week. The third hour each week in each individual course may be devoted to group conferences.

THE FIRST YEAR OF THE B.A. COURSE
(FOR BOTH GENERAL AND HONOURS DEGREES)

(a) Compulsory Courses:

English 100
Latin *or* Greek
Mathematics

(b) Elective:

Two of the following:

Economics 100
Fine Arts
French
German
Greek *or* Latin (if not already taken)
Italian
History
Music
Russian
Science (Biology 100, or Geography 121, or Physics 11, or Geology 121)
Spanish

Details of the work in each subject are given on pages 1030 to 1165.

Students who wish to qualify for the High School Diploma of the Province of Quebec have to fulfil certain additional requirements in both the First and Second years. See Announcement of the Institute of Education.

SELECTION OF COURSES

The student is normally free to elect *two* courses in the First year which, together with the three compulsory courses, complete the total of five required for that year. In choosing his courses, however, the student is advised by those who are registering him to give careful consideration to his selection. These points must be remembered:

Classics Requirement

In special circumstances, a student may be given permission to substitute another subject for Classics in the First year. Application for such permission must be made to the Dean prior to registration.

Mathematics Requirement

A student may be allowed to replace Mathematics by a First year course in a subject in which he has shown marked proficiency and which is in accordance with the trend of the studies that he is preparing to pursue. In general, however, students are advised to take Mathematics during the First year. It is a prerequisite to all advanced courses in the Science Division and must be taken concurrently with First year courses in Physics and Chemistry. It is also a required subject for students who intend to take courses in Social Sciences, excluding History and Political Science. For this reason, unless a student intends to take Honours in one of the Humanities (English, Languages, Philosophy) or in Political Science or History, the First year course in Mathematics is obligatory. In any case, no student will be exempted from the First year course in Mathematics unless he or she has passed the Elementary Mathematics of the Junior School Certificate or its equivalent, and has achieved at least 75% in the Junior School Certificate examinations, or their equivalent, in History or a Modern Language or Classics. Only a subject in which this 75% has been obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, students are expected to choose History as the substitute.

Modern Foreign Language Requirement

All candidates for the degree must take a course in a modern foreign language, which may be taken in any year. Where a student chooses to begin the study of a language in order to meet either the classics or the

modern language requirement, he must take and pass a further course subsequent to the elementary one to satisfy this language requirement. This rule applies, for example, to a student who begins the study of Greek, Latin, German, Spanish, Italian, or Russian (there is no beginning course in French); in every case, the elementary course alone will not satisfy the requirement for the B.A. degree. On the other hand, a beginning course is given full credit when it is taken as a simple elective which is not to be counted towards satisfying the language requirement, except that, in the Fourth year, such an elementary course is treated as only a half-course.

While it is possible to meet this requirement in any year, it is preferable that a student should meet it not later than the Second year, because a student who subsequently elects to take an Honours course in some subject other than a foreign language may find it difficult to take this compulsory language course in the Third or Fourth year when he is likely to be fully occupied with his Honours studies.

A student who has successfully completed his First year but who has not taken French, may obtain credit for First Year French by taking the prescribed course at the French Summer School immediately following the completion of his First year. Students who obtain this credit may be permitted to take four, instead of five, courses in their Second year.

A student who has successfully completed his First year, including French, may obtain credit for Second Year French by taking the prescribed course at the French Summer School immediately following the completion of his First year. Students who obtain this credit may be permitted to take four, instead of five, courses in their Second year.

It should be noted, however, that a student who has not taken five subjects in the regular session of his First or Second year will not be eligible for the Faculty Scholarships or for the Macdonald Scholarships.

Science Requirement

For the General B.A. degree, there is the further requirement of one course in a Science subject, which may be taken in any year.

A student proceeding to an Honours degree is not required to take a course in Science.

English Composition Requirement

Every candidate for a degree in this Faculty must satisfy the Department of English (which, in this matter, acts as the agent of Faculty) that he is competent in English composition. In addition to the other requirements for the degree, therefore, all students, in their First year in the

Faculty, must register in English 100C. When a student has succeeded in demonstrating his competence in this course, he will be dispensed from further attendance at it.

NOTE ON PREREQUISITES

If a student intends to take an Honours course, he must be careful to select the course in the First year which is the prerequisite for such Honours study in the Second year. A student who intends to study a subject for Honours or Continuation is warned to look up the requirements of the appropriate departments, given on pages 1030 to 1165.

A student who hopes to enter either the Faculty of Medicine or that of Dentistry upon the completion of his Third year, must take both Mathematics and Physics in his First year.

ADVANCED COURSES IN THE FIRST YEAR

Some departments which give instruction in the First year offer special lectures or work of a more advanced character to students with adequate qualifications.

These advanced courses are generally arranged by the departments when lectures actually commence, but any student who enrols in an advanced section *must* see that his registration, as recorded in the Assistant Dean's office, shows that he is taking advanced work.

Students of scholarship standing entering the First year may, with the approval of the Dean, take Second year courses in subjects for which they are especially qualified.

THE GENERAL B.A. CURRICULUM IN SECOND, THIRD, AND FOURTH YEARS

At the beginning of the Second year, a student proceeding to a General B.A. degree must choose two subjects from those listed below in Division I. These two subjects are designated *Continuation Subjects* and are to be studied during the Second, Third, and Fourth years. A full course (or two half-courses) must be taken *each* year in each of the Continuation Subjects. The additional courses necessary to make the total of five for Second year, and four for each of the Third and Fourth years, may be chosen from any of the subjects shown in either Division I or Division II below. In choosing his elective courses, the student may seek the advice of one of the departments in which he chooses a continuation course.

A student may select only those courses for which he has the prerequisites laid down by the department in which such courses are given, and he is responsible for seeing that the courses chosen do not conflict with each other as regards hours of lectures or laboratory periods.

When the student's record during his Second, Third, and Fourth years of the General Course averages a high second class standing, a special award of *Distinction* is made at graduation. When the record averages first class standing, the award made is *Great Distinction.*

Division I (Continuation)

Anthropology
Economics
English
Fine Arts
French
Geography
German
Greek
History
Italian
Latin
Mathematics
Philosophy
Physics (when taken as a Continuation Subject with Mathematics)
Political Science
Psychology
Sociology
Spanish

Division II (Elective)

Subjects in Division I and:

Ancient History
Bacteriology
Biochemistry
Botany
Chemistry
Education
Genetics
Geography
Geology
Linguistics
Music
Physics
Physiology
Religion
Russian
Zoology

A course intended primarily for First year students may be counted as a full course in the Second year.

Students who are pursuing a double course in Arts and Science and Divinity (six years at least) may, in the Third and Fourth years, take the courses which constitute the ordinary curriculum in Arts and Science, less a half course each year or a whole course in one year.

Honours lecture courses are open to properly qualified general students.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF SCIENCE

An undergraduate may proceed to either a General or an Honours B.Sc. degree. As the distinction between these is not made until the Second year (or, in some cases, the Third year), there is a common curriculum to be followed by all First year students.

THE FIRST YEAR OF THE B.Sc. COURSE

(FOR BOTH GENERAL AND HONOURS DEGREES)

(a) Compulsory Courses:

English 100
Mathematics 111
Physics 11
Chemistry 11

(b) Elective:

Biology 100
or one of the following, if the timetable permits:
Economics 100
Fine Arts
French
Geography 121
Geology 121
German 3
Greek
History
Italian
Latin
Music
Spanish

More advanced courses are available also in Chemistry, Mathematics, and Physics for those specially qualified or contemplating Honours.

ENGLISH COMPOSITION REQUIREMENT

Every candidate for a degree in this Faculty must satisfy the Department of English (which, in this matter, acts as the agent of Faculty) that he is competent in English composition. In addition to the other requirements for the degree, therefore, all students, in their First year in the Faculty, must register in English 100C. When a student has succeeded in demonstrating his competence in this course, he will be dispensed from further attendance at it.

THE GENERAL B.Sc. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

In each of these years, five courses are required; these courses must be spread over at least four subjects, and must be selected from the groups given below. The student is also required to pursue a continued study of two subjects during the major part of his last three years for the General degree. The normal sequence of courses in any subject chosen for continuation is shown in Group I below. Since courses in Bacteriology, Biochemistry, and Physiology are usually begun in the Third year, a student is not obliged to choose these subjects for continued study until the beginning of his Third year; in other cases, he will commence his continuation subjects at the beginning of his Second year. In any year, a specially qualified student may be allowed, upon the recommendation of the department concerned, to substitute a more advanced course for any of those listed.

SECOND YEAR REQUIREMENTS

Three Science subjects from Group I; one Arts course from Group III; and one course from Group I or II or III.

THIRD YEAR REQUIREMENTS

Two Science subjects from Group I; one further subject from Group I or II; one Arts course from Group III, and one course from Group I or II or III.

FOURTH YEAR REQUIREMENTS

The same as for Third year, the two subjects previously chosen from Group I being continued throughout this year. It is permissible, however, to drop one of these continuation subjects in the Fourth year provided that two courses be taken in the remaining continuation subject; in this case the student's courses may be spread over three instead of four subjects.

GROUP I (Continuation Subjects)

SUBJECT	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Bacteriology		31	42, 43b
Biochemistry	See below	31	43 or 44
Botany	11b or 21 or 22 or 23	21 to 45	21 to 45
Chemistry	21, 22, 23, 24	21, 22, 23, 24	31, 32, 35
Genetics	21	32a, 32b, 36 and 45b	42b to 47b inclusive
Geography	221, 231	321, 414a, b	416, 421
Geology	121 or 221	221-444	221-444

Mathematics	224	337a, b	439a, b, 436a, b
Physics	22	23, 24, 25, 27b	(32, 35a), (43a, 44b), (35a, 47a), (35a, 44b)
Physiology	22	22, 31, 32	31, 32, 41, 42
Psychology	21, 22a or 22b	34a, 34b, 36, 37	43, 46a, 46b
Zoology	211, 221	221, 322, 324, 325, 332, 337a, 343b, 345, 446a	324, 325, 337a, 341, 433, 435, 446a

If Biochemistry is to be taken as a continuation subject in the Third year, Chemistry 22 and Physiology 22 must be taken in the Second year.

A student who has not completed Biology 100 must obtain permission from the department concerned before proceeding to more advanced courses in Botany or Zoology.

Students who select Physics as a continuation subject must also select the following Mathematics courses: 224 or 225 in Second year; 337a and 337b in Third year; or 337a in Third year and 337b in Fourth year.

GROUP II (Non-continuation subjects)

SUBJECT	COURSES
Bacteriology	31
Biochemistry	31, 44
Botany	11b to 41
Chemistry	21, 22, 23, 24, 31, 32, 35
Geography	121 to 421
Geology	121 to 444
Genetics	21a to 47a or b
Histology	Anatomy 1a
Mathematics	221a; 224; 228a; 335a, b; 337a, b; 339a, b; 443; 436a, b
Physics	21, 22, 23, 24b, 25, 32, 35a, 43, 44b
Physiology	200 or 22, 31, 32, 41, 42, 43a, b
Zoology	100, 221, 324, 325, 332, 435, 337a, 343b, 345, 446a.

GROUP III (Arts subjects)

Economics	Italian
Education	Latin
English	Music
Fine Art	Philosophy
French	Political Science
Geography	Psychology
German	Religion
Greek	Sociology
History	Spanish

B.Sc. students who select Geography or Psychology as a Continuation Subject may not select the same subject from Group III.

In selecting advanced courses, students should consult the Departments concerned.

Details of the courses are given on pages 1030 to 1165.

When the student's record during his Second, Third, and Fourth years of the General Course averages a high second class standing, a special award of *Distinction* is made at graduation. When the record averages first class standing, the award made is *Great Distinction*.

GENERAL REGULATIONS GOVERNING THE HONOURS DEGREE

The course for the Honours degree is distinguished from that of the general degree rather by quality than by quantity. In a very few cases, the honours curriculum may be regarded as providing pre-professional training and, in almost all Departments in which honours work is given, it forms a bridge between undergraduate training and graduate; but it is governed fundamentally by the belief that a relatively intense study of one field, not too narrowly limited, is the best medium of *general* education. A student who has gone sufficiently far in the study of one subject to have become aware of the assumptions on which that study rests and of the difficulties which its methods have been shaped to meet, and who has been introduced to the kind of material with which more advanced work in the subject is concerned, has probably undergone a better general mental discipline than the student who has sampled a variety of useful, but not very deeply developed, studies. While the honours curriculum, therefore, may be thought to be 'narrow', in the sense that the student is directed, in the latter years of his course, to the study of one or two subjects only, it is 'broad' in the sense that its purpose is to provide a more acute and discriminating, because more unified and systematic, intellectual training than is possible under the condition of the general degree.

Since the aim of the Honours curriculum is to develop critical and analytical ability, as distinct from, and in addition to, the imparting of information, it requires the student to exercise his own initiative and to develop the capacity to do much of the work for himself under guidance and direction. Part of the work (the situation varies as between Departments) dispenses with formal lectures and proceeds by group, or individual, tutorials, so that the student reading for the Honours degree enjoys close and continuous supervision of his work by individual tutors.

The conditions for entering Honours courses in Second year are as follows:

(*a*) The sanction of the Dean and of the departments in which Honours are elected must be obtained.

(*b*) No student may take Honours in a subject in which he has failed to attain at least second class standing in his First year.

Honours students who fail to attain second class honours standing at the end of the Second or Third year must revert to the General course in their next and following year or years and fulfil its requirements unless they obtain special leave to continue their Honours work from the department or departments interested.

An Honours student who has failed in any subject in the Third year examinations is not allowed to continue his Honours course except with the consent of Faculty.

A student's whole record during his Second, Third, and Fourth years will be considered in awarding Honours at graduation.

Students in Honours courses who fail to attain Second Class Honours at graduation must revert to the list of General students and, if they are unable to satisfy the requirements of the General degree, they will not be granted a degree.

Honours are awarded by Faculty on the recommendation of the department or departments in which Honours are elected.

THE HONOURS B.A. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

Undergraduates may read for the Honours B.A. in any one of the following single subjects:

Anthropology
Classics
English
French
Geography
German
Greek
History
Latin
Mathematics
Philosophy
Psychology
Sociology

They may also read for the degree in the following combinations of two subjects:

Economics and Political Science
Mathematics and Physics
Various combinations of the single subjects given above

In the case of Honours in a single subject (e.g. English) the detailed description of the curriculum will be found under the appropriate Department.

In the case of Joint Honours in two subjects, the detailed description of the curriculum will be found under that one of the two Departments which has alphabetical precedence. Thus, Joint Honours in English and History is described under the Department of English (since "E" precedes "H") but Joint Honours in History and Political Science is described under the Department of History (since "H" precedes "P").

THE HONOURS B.Sc. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

Honours courses begin normally in the Second year and are offered in the subjects listed below. Information as to courses to be taken can be found at the end of the descriptive material listed by the appropriate department on pages 1030 to 1165.

Attention is drawn to the fact that lectures are not given on all parts of the work. The examinations for Honours are not necessarily conducted exclusively by the persons who have given the courses.

HONOURS COURSES OFFERED FOR THE B.Sc. DEGREE

Bacteriology and Immunology
Biochemistry
Botany
Chemistry
General Honours in Biological Sciences
Genetics
Geography
Geological Sciences
Geology and Physics (Geophysics)
Mathematics
Mathematics and Physics
Physics and Physiology
Physiology
Psychology
Zoology

GENERAL HONOURS IN BIOLOGICAL SCIENCES

As indicated above, students may proceed to an Honours degree in some one of the various Biological Sciences. Alternatively, they may proceed to an Honours degree in *General Honours in Biological Sciences* (as described below), postponing specialization in a particular Science

(including Genetics), until postgraduate years. This General Honours course provides a balanced study of the Plant and Animal Kingdoms, with a suitable admixture of Genetics, and is a basic training in plant and animal studies. It is of value to pre-teacher, pre-dental, and pre-medical students, and for those who have an interest in the Biological Sciences, but who do not wish for the marked specialization of an Honours degree in a single Science.

Students who obtain a high second class average in this course are eligible for admission (with approval) to the Faculty of Graduate Studies and Research, but they may have to spend additional time in fortifying their knowledge of a particular field.

CURRICULUM OF GENERAL HONOURS IN BIOLOGICAL SCIENCES

Note: Students are reminded that courses chosen in any one year may affect the taking of other courses in subsequent years. *It is essential for this course that Biology 100 should be taken in B.Sc. 1.*

Students must apply for entry to this course to the Chairman of the Biological Sciences Group, and must obtain his approval before they will be permitted to register for this General Honours Course.

Prerequisite	General First year B.Sc. with the required standing (at least Second Class). Biology 100 must be taken.
2nd year	Botany 11b, 21; Chemistry 22a, b; Genetics 21; Zoology 221.
3rd year	Botany 23a, 22b, 31; Physiology 22; Zoology 211, 322.
4th year	Bacteriology 31; Biochemistry 31; Genetics 32a; Genetics 36b *or* 45a; Zoology 324 or 332 plus a fifth course in the form of a free option from the list below.
Free options	(to be taken where indicated)— Botany 32, 33; an English course beyond English 100; a French course; Genetics 44 (or any other course in statistics); Genetics 45a; Geography 121; Geology 121; a German course; Philosophy 310; Physics 21; Psychology 21; Zoology 325 plus 325L; Zoology 433.

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

Each regular undergraduate in the faculty is required to register for one of the bachelor's degrees offered, and, unless otherwise instructed by the Dean, must follow the regular work of his year towards this degree.

Although there are no specially organized courses for preparing candidates for other faculties, it is possible to include the prerequisites to entrance to these faculties within the framework of the B.A. and B.Sc. curricula. Students intending to enter one of these faculties later should acquaint themselves with the entrance requirements as shown in the individual Announcements.

Students proceeding into the Professional Faculties should note particularly that admission to these Faculties is not automatic: regular application forms must in all cases be submitted in advance of the prescribed dates, accompanied by such other documents as the Faculties may require.

DENTISTRY: At least two years of the B.A. or B.Sc. courses are required for entrance to First year Dentistry. If a student wishes to enter after two such years he must take Physics 11 and Chemistry 11 in his First year in Arts and Science; the other subjects required are Chemistry 22a and 22b and Biology 100. (B.A. students should note page 1018.)

LAW: A minimum of two years in the Faculty of Arts and Science is required for admission into the Faculty of Law. Nevertheless, candidates proceeding to the Bar of the Province of Quebec must be British subjects, hold the degree of B.A. from a Canadian or British University and satisfy the Bar examiners that they have successfully completed "the regular course in Philosophy" in an approved university. Students are advised to take this course in Philosophy before entering the Faculty of Law. The following courses are available: Philosophy 200, 300, 310 and 320 (see page 1118). In addition candidates are expected to have a working knowledge of French.

MEDICINE: The Faculty of Medicine offers the following advice to students proceeding in pre-medical studies at McGill:

1. Absolutely required are courses in Physics, General and Organic Chemistry, and Biology. These requirements can be met by passing Physics 11; Chemistry 11 and 22a, b; and Biology 100.

2. Other courses chosen for three pre-medical years should be so planned as to give the student more than elementary training in some definite field of knowledge, which may be selected from the Humanities, the Social Sciences, or the Physical or Biological Science. The curriculum for the three years should therefore be planned as a whole, so as to emphasize the selected field. Study in this field should be continued by students who fail to gain admittance to medicine after three years.

3. The curriculum must be in harmony with the requirements of the Faculty of Arts and Science or the B.A. or B.Sc. degree. English 100 and Mathematics will be taken in the First year. Continuation subject requirements must be complied with, and these subjects should be related to and reinforce each other, in the spirit of paragraph 2.

4. Students taking a pre-medical course within the B.A. curriculum are advised to take English, Mathematics, Physics, Latin and an elective course (preferably leading to the field of specialization) in the First year; Chemistry 11 and Biology 100, the continuation subjects, and a modern language in the Second year; Chemistry 22a, b, two courses in one continuation subject and one in the other, in the Third year.

5. Students entering through the B.Sc. curriculum will ordinarily complete the required courses (paragraph 1) very quickly and can proceed to specialize in the selected field. Those who expect to enter Medicine after three years are advised against taking prematurely the medical subjects such as Physiology, Biochemistry, Bacteriology, and Histology. There is, however, a definite place in Medicine for students who have completed an Honours course or a Master's degree in one of these sciences, or in Chemistry, Physics, etc.

6. Courses which are of value as preparation for medical studies, and of which some may be taken as electives or as extras if the curriculum in the major field permits, include Biology 100, Genetics 21a, Psychology 21, Sociology 210, Genetics 21b, Zoology 211, 221, 324, 325.

7. The Medical College Admission Test, conducted by the Educational Testing Service, should be taken in the second term of the Second year or the first term of the Third year.

8. B.A. students should also see note on page 1018.

B.A. AND B.Sc. DEGREES FOR STUDENTS IN MEDICINE AND DENTISTRY

Students who have completed with good second class standing three years of the General Course leading to the Arts degree and two years in the Faculty of Medicine or Dentistry will, on application, be recommended by the Faculty of Arts and Science for the B.A. degree, if they have satisfied all the specific requirements of the First, Second, and Third years for the B.A. degree as to subjects, and in each of the Second and Third years taken three courses in Arts subjects so chosen as to fulfil the requirement of continuation study or its equivalent.

Students completing three years in the course leading to either the Arts or the Science degree and two years in Medicine or Dentistry are entitled to apply to the Faculty of Arts and Science for the degree of B.Sc. Students will not, however, be recommended for the B.Sc. degree unless they have satisfied the specific requirements for that degree or their equivalent. Students with high distinction in the first years of the B.Sc. course who maintain that standing in the first two years in Medicine at McGill will be granted the degree with Distinction or Great Distinction.

SUMMER SCHOOL IN FRENCH

The French Summer School is held every year, commencing in the final week of June and lasting six weeks.

Its courses are distributed among three Sections: A, B, and C, one of which, Section A, is below college standard. They deal with the various aspects of language study as well as literature and civilization. Courses in spoken French are divided into small classes for the purpose of intensive oral drill. In this respect the School definitely supplements the instruction given in the Department in the winter session, when such oral practice is only incidental to the subject-matter of the courses offered and is never the primary objective. It should be noted that the First year course given in the French Section of the Department of Romance Languages is not a beginner's course and is conducted entirely in French. (The standard qualification for admission into Section A is two years of High School French.)

For this reason, students who find it difficult to understand, speak, or write French are recommended to avail themselves of the special facilities which the School offers in its three sections, and particularly in Sections A and B for a systematic study of the language, oral and written. Section C is specially intended for graduate students or students interested in pursuing higher studies in French.

With the permission of Faculty, courses in Sections B and C may be counted towards the Bachelor's degree in cases where students need to make up the number of courses normally required for the degree. Students in Section C, who attend the School for at least four sessions and satisfy the requirements, can obtain an M.A. in French without having to reside at McGill during any of the winter sessions.

Students receive most benefit from the courses offered by the School if they choose to reside in one of the French Houses, where the use of French at all times is compulsory. Members of the teaching staff live in residence with the students and are constantly in helpful and friendly relationship with them. This informal education through daily association in the Common Room, at meals, and in social activities—which include sports, music, dramatics, and conducted visits through the beauty-spots of the Province of Quebec—is one of the most valued features of the School.

Reduced railway fares from all points in Canada have been arranged.

Applicants should address their inquiries to: The Director, French Summer School, Arts Building, McGill University, Montreal 2.

FEES

The regular and special fees payable by students in the Faculty of Arts and Science, including the School of Commerce, are shown below. The University reserves the right, however, to make changes without notice in its published scale of fees if, in the opinion of the Board of Governors, circumstances so require. Fees are not refundable, except under special conditions as described in the General Information Pamphlet.

TUITION

REGULAR UNDERGRADUATES

Sessional Fee: Arts	$550.00
Science	600.00
Commerce	550.00
Courses repeated or substituted by Conditioned Students, per full course	10.00

LIMITED UNDERGRADUATES AND PARTIAL STUDENTS (Arts, Education, Science, Commerce)

Each full course (Arts, Education, and Commerce)	$115.00
(Science)	125.00
Each half course (Arts, Education, and Commerce)	57.50
(Science)	62.50
Courses in Physical Education taken by Partial Students in Arts, per hour, per week	5.00

For further particulars concerning fees of all kinds, and the governing regulations, see the General Information Pamphlet which is included in this Announcement.

Courses of Lectures in Arts and Science

The following pages show the courses offered in the Faculty arranged according to Departments. These courses are listed by numbers and where a small letter follows a number the term in which the course is given is indicated: e.g., History 315a is given in the first term (October to January), History 315b in the second term (January to April).

In addition the words "full course," "half course," etc. indicate the course value. The letter L indicates laboratory and S a special course.

Unless otherwise stated, a full course begins in October and ends in April, whereas half courses are given in the term indicated. The number of hours of lectures given each week is shown immediately below the number of the course, and laboratory or conference hours are indicated separately.

An official time table is prepared for the registration periods; any times shown herein are only tentative.

It is the responsibility of each student to make sure at the time of registration that there is no conflict in the timetable of the courses which he proposes to follow.

Any course may be cancelled because of insufficient registration.

ANATOMY

Professors	C. P. LEBLOND, *Chairman* C. P. MARTIN
Associate Professors	S. M. BANFILL J. LANGMAN
Assistant Professor	Y. CLERMONT
Research Associate, Demonstrator	H. ISLER
Lecturers	E. W. WORKMAN L. HELLER I. SMART
Teaching Fellows	W. KENT N. J. NADLER

Before registering for the following course, students must consult the Chairman of the Department to ensure that they are qualified to undertake the work.

MICROSCOPIC ANATOMY

6. HISTOLOGY (Half course). The course, which is part of the medical curriculum, consists of three weekly classes during the first half year. The course begins at the opening of the medical session, in September.

Three lectures and six hours laboratory per week, from approximately September 6th to the end of February.

Texts: Ham, Histology; Bailey, Textbook of Histology *or* Maximow and Bloom, Histology.

BACTERIOLOGY AND IMMUNOLOGY

Professor	R. W. REED, *Chairman*
Associate Professors	J. W. STEVENSON G. G. KALZ

Assistant Professors	Fritz Blank
	C. A. Butas
	Grace T. Girvin
	K. F. Girard
	C. D. Kelly
	A. M. Masson
Lecturers	E. Mankiewicz
	B. H. Matheson
	O. Morgante
	Raissa Silov
Demonstrator (Teaching Fellow)	M. E. McBride

In addition to its courses in the Faculty of Medicine the Department offers the following to students in the Faculty of Arts and Science:

31. ELEMENTARY BACTERIOLOGY AND IMMUNOLOGY (Full course). This course deals with the fundamentals of immunology and of bacterial cytology, physiology and classification. The applications of bacteriology in industry, agriculture, medicine and public health are discussed. The laboratory work provides practical experience in the cultivation and isolation of bacteria and demonstrates their diverse activities.

Both terms: 2 hours lecture and 2 laboratory periods.

Prerequisites: First year Science with Biology 100, Chemistry 22. It is recommended that Biochemistry 31 be taken concurrently.

Text: Frobisher, Fundamentals of Microbiology (Saunders).

42. ADVANCED MICROBIOLOGY (One and a half courses). A systematic study of bacteria, viruses and medically important fungi. This class is limited in size and priority is given to Honours students in the biological sciences.

Both terms: 3 lectures, 2 three hour laboratory classes.

Prerequisites: Bacteriology 31, Biochemistry 31.

Text: Topley & Wilson, Principles of Bacteriology and Immunology, 4th Edition (Arnold) 1956.

43b. IMMUNOLOGY (Half course). A study of the fundamental aspects of antigen-antibody reactions and their practical applications.

Second term: One lecture, 2 three hour laboratory classes.

Text: Carpenter, Immunology and Serology (Saunders), 1956.

44. BACTERIOLOGY READING COURSE AND THESIS (Full course). Students are required to write a 5000 word review of the literature on a selected topic. The course is offered only to Honours students in Bacteriology.

Prerequisites: as for Course 42.

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY AND IMMUNOLOGY

Prerequisite: An aggregate standing of high second class must be obtained in the subjects submitted for the First year and good standing maintained in subsequent years.

The Chairman of the Department should be consulted in selecting subjects to be studied in the Second and Third years.

The following course of study has been found suitable for most students but may be modified to suit individual cases.

First year: First year B.Sc. preferably including Biology 100.

Second year: Physiology 22; Zoology 221; Chemistry 22 and 24; Genetics 21.

Third year: Biochemistry 31; Zoology 322a; Zoology 325, Bacteriology 31, and one elective half course.

Fourth year: Bacteriology 42 ,43b and 44; Biochemistry 45; Genetics 42b; one elective half course.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

BIOCHEMISTRY

Professors	D. L. THOMSON, *Chairman* J. H. QUASTEL
Associate Professors	O. F. DENSTEDT K. A. C. ELLIOTT
Assistant Professor	P. G. SCHOLEFIELD
Sessional Lecturers	ESAU HOSEIN MARGARET PURVIS

31. GENERAL PHYSIOLOGICAL CHEMISTRY (Full course with Laboratory). A general survey of the chemistry of carbohydrates, fats, steroids, and proteins, their transformations in the body, and the composition of the

body in health and disease. Two laboratory periods per week, October to February.

2 hours plus laboratory *Professor Thomson*

Prerequisite: Chemistry 22 (a and b), Physiology 22.

Text: Harper, Review of Physiological Chemistry (Lange). The Department issues a synopsis of the laboratory course.

32. ENDOCRINOLOGY (Half course). The chemistry and pharmacology of the hormones.

1 hour *Professor Thomson*

Prerequisite: Biochemistry 31 (may be taken concurrently).

NOTE:—The Medical course in Biochemistry consists of courses 31 and 32 and course 33, three lectures weekly in May on Nutrition. Dental students will omit course 32. Course 33 carries no credit in Arts and Science and is not normally open to students of that Faculty.

34. SUPPLEMENTARY BIOCHEMISTRY (Half course). For Honours students in the Department only. A tutorial course parallel to 31.

1 hour *Professor Thomson and Dr. Hosein*

Text: Fruton and Simmonds, General Biochemistry (Wiley).

43. ADVANCED BIOCHEMISTRY (Full course). A detailed study of the organic chemistry of carbohydrates, fats, steroids, amino-acids, and proteins.

3 hours *Professor Denstedt*

Texts: Hawk, Oser, and Summerson, Practical Physiological Chemistry (Blakiston); Fruton and Simmonds, General Biochemistry (Wiley).

43L. LABORATORY (One and one half courses). For Honours students in the Department only.

4 periods *Dr. Hosein*

Prerequisite: Biochemistry 31, Chemistry 23.

44a. NUTRITION (Half course). Human requirements for calories, protein, and other nutrients; the chemical nature, detection, occurrence, and physiological function of the vitamins; the essential minerals.

First term: 3 hours *Mrs. Purvis*

Prerequisite: Biochemistry 31.

Text: Sherman, Chemistry of Food and Nutrition (Macmillan).

44b. PROTEIN PHYSICAL CHEMISTRY (Half course). The physico-chemical properties of solutions of amino-acids and proteins, including conjugated proteins and enzymes; ionic reactions, molecular size and shape, solubility, optical properties, enzyme kinetics.

Second term: 3 hours *Professor Thomson*

Prerequisite: Biochemistry 31, Chemistry 24; Biochemistry 43 should be taken concurrently.

Texts: Fox and Foster, Introduction to Protein Chemistry (Wiley); Springall, Structural Chemistry of Proteins (Butterworth).

45. OXIDATION AND METABOLISM (Full course). The nature of biological oxidations and reductions and the enzymes concerned therewith, especially from the point of view of transfer of energy; the reactions of intermediary metabolism of organic foodstuffs as studied by isotope and other methods.

2 hours *Professor Quastel and Staff*

Prerequisite: Biochemistry 31.

Texts: Baldwin, Dynamic Aspects of Biochemistry (C.U.P.); Fruton and Simmonds, General Biochemistry (Wiley).

HONOURS COURSE IN BIOCHEMISTRY

First year

First year B.S., Biology 100 recommended.

Second year

Physiology 22
Chemistry 22, 23, 27
Zoology 221
Mathematics 224

Third year

Chemistry 24
Biochemistry 31, 34
Physiology 31, 32
Bacteriology 31

Quota of five courses to be completed from: Chemistry 32, Mathematics 221a, Physics 23, Genetics 44, Biochemistry 32.

Fourth year

Biochemistry 32 (if not already taken), 43, 43L, 44a, 44b, 45

Changes in this programme may be permitted in special cases.

BOTANY

Professors	MURIEL V. ROSCOE, *Chairman*
	R. D. GIBBS
Associate Professor	C. M. WILSON
Assistant Professors	W. BOLL
	P. F. MAYCOCK
	G. H. N. TOWERS

100. THE HIGHER PLANTS AND ANIMALS (Biology 100). (Full course.) An introductory course in Biology, covering the higher plants and animals. The course is given in two Sections. Section X considers the plants in the first term and the animals in the second term. Section Y considers the animals in the first term and the plants in the second term.

This course (or its equivalent) is a prerequisite to further courses in Botany.

2 hours lectures and 3 hours laboratory.

Botany: *Professors Roscoe, Wilson, Boll and Maycock*

Zoology: *Professors Berrill and Stanley*

11b. GENERAL BOTANY. A Survey of the Plant Kingdom (Half course). A study of representatives of the main plant groups on an evolutionary basis.

Second term: 2 hours lectures and 3 hours laboratory *Professors Gibbs and Maycock*

21. TAXONOMY OF THE HIGHER PLANTS (Full course). A practical introduction to the morphology and classification of the seed plants, giving special attention to the identification and significance of Canadian species.

2 hours lectures and 3 hours laboratory *Professor Gibbs*

Prerequisite: Biology 100 or Botany 11b.

22a. PLANT ANATOMY (Half course). A detailed study of the organization of vascular plants; internal structure and its relation to function.

First term: 2 hours lectures and 3 hours laboratory *Professor Towers*

Prerequisite: Biology 100.

22b. COMPARATIVE ANATOMY (Half course). The anatomy of vascular plants viewed in relation to development and evolution.

Second term: 2 hours lectures and 3 hours laboratory *Professor Roscoe*

Prerequisite: Botany 22a.

23a. MYCOLOGY (Half course). General characteristics of the fungi; morphology and classification, life cycles and economic importance. Particular reference is given to the Myxomycetes, Phycomycetes and Ascomycetes.

First term: 2 hours lectures and 3 hours laboratory *Professor Wilson*

Prerequisite: Biology 100 or Botany 11b.

23b. MYCOLOGY (Half course). Morphology and classification of the Basidiomycetes and Fungi Imperfecti with emphasis upon cultural techniques.
Second term: 2 hours lectures and 3 hours laboratory *Professor Wilson*
Prerequisite: Botany 23a.

31. PLANT PHYSIOLOGY (Full course). A general introduction to the study of the physiological functioning and reactions of plants. Topics such as water relations, photosynthesis, mineral nutrition, respiration, growth, and metabolism are discussed in detail.
2 hours lectures and 3 hours laboratory *Professor Towers*
Prerequisite: Biology 100 and Chemistry 22.

32. MORPHOLOGY AND TAXONOMY OF THE LOWER PLANTS (Full course). Life histories, structure, and relationships of the Algae, Fungi, Lichens, Mosses and Liverworts, Ferns, and other non-flowering plants.
2 hours lectures and 3 hours laboratory *Professor Gibbs*
Prerequisite: Biology 100 and Botany 11b.
(*Given in 1958-59; not given in 1959-60.*)

*33. PLANT BIOCHEMISTRY (Full course). Chemistry, occurrence, and roles of organic materials found in plants, and methods for their detection and estimation. Some reference is made to economic uses of plants.
2 hours lectures and 3 hours laboratory (6 hours laboratory for graduate and honours students) *Professors Gibbs and Towers*
Prerequisite: Biology 100 or Botany 11b, Chemistry 22.
(*Not given in 1958-59; given in 1950-60.*)

*41. MICROTECHNIQUE (Full course). Methods of preparing plant material for microscopical study, with practical experience in fixing, embedding (both paraffin and celloidin), cutting, and staining.
1 hour lecture and 6 hours laboratory *Professor Roscoe*
Prerequisite: Botany 22a and b.
(*Not given in 1958-59; given in 1959-60.*)

*42. SPECIAL TOPICS (Full course or half course). Prescribed reading, conference, and practical work in selected subjects such as Anatomy, Ecology, Mycology, Physiology, Taxonomy of Special Groups, and Biochemistry. *The Staff*

*43b. PLANT ECOLOGY (Half course). A study of the effects of climate and soil factors on plant growth leading to an interpretation of the evolution, distribution and succession of plant communities. Reference will be made

*Courses for Advanced and Graduate students.

to methods of ecological studies in conservation, forestry, and agriculture practices.

Second term: 2 hours lectures and 3 hours field, conference or laboratory

Professor Maycock

Prerequisites: Biology 100, Botany 11b and 21 (except with special permission).

(*Not given in 1957-58; given in 1958-59.*)

44a. ECONOMIC BOTANY (Half course). The nature, origins and distribution of plants of economic importance, with some study of structure of plant parts utilized.

First term: 2 hours lectures and 3 hours laboratory

Professors Wilson and Roscoe

Prequisites: Biology 100 or Botany 11b.

(*Given in 1958-59; not given in 1959-60.*)

*45. PLANT MORPHOGENESIS (Full course). A survey of the physiological, biochemical, and genetic approaches to the experimental study of plant morphogenesis, including growth correlation, the function of plant hormones and the environmental control of plant development and morphology.

First term: 2 hours lectures and 3 hours laboratory.

Second term: 2 hours lectures and weekly seminar. *Professor Boll*

Prerequisite: Biology 100, Botany 11b, 31, and Genetics 21.

(*Given in 1958-59; not given in 1959-60.*)

HONOURS COURSE IN BOTANY

NOTE:—The Honours Course in Botany prepares students for graduate work in the departments of Genetics and Plant Pathology as well as Botany. Allowing as it does for considerable study of other biological subjects, it forms also a suitable preparation for the teaching of Biology in schools.

First year: Students must take Biology 100 as their elective in the B.Sc. program.

Second year: The general Second year requirements are satisfactory as long as Chemistry 22 and a course in Botany are included. Botany 11b and one or more of the following should be taken: Botany 21 or 22a and 22b, or 23a and 23b. The Arts subject is optional.

---

*Courses for Advanced and Graduate students.

Third year: Botany 21, 22a and 22b, or 23a and 23b, and 31 must be included if not already taken. Additional courses are to be selected from cognate fields with the advice of the Chairman of the Department.

Fourth year: Three of the remaining Botany courses are required, together with two other courses selected with the approval of the Chairman of the Department.

CONTINUATION COURSES IN BOTANY

Second year: Botany 22a and 11b, or 21, or 22a and 22b, or 23a and 23b

Third year: Botany 11b to 45

Fourth year: Botany 11b to 45

Biology 100 (or its equivalent) is prerequisite to all courses in Botany.

GENERAL HONOURS IN BIOLOGICAL SCIENCES

Students who desire a planned course of study of plants and animals should consult the program drawn up for "General Honours in Biological Sciences", page 1026.

DEPARTMENT OF CHEMISTRY

Professors	CARL A. WINKLER, *Chairman*
	C. B. PURVES
Associate Professors	R. K. HOLCOMB
	J. H. MENNIE
	R. V. V. NICHOLLS
	A. S. ROSS
	H. I. SCHIFF
	A. TAURINS
	L. YAFFE
Assistant Professors	J. T. EDWARD
	M. ONYSZCHUK
	R. F. ROBERTSON
	A. SEHON
Research Associates	D. A. I. GORING
	R. STJ. MANLEY
	S. G. MASON
	W. A. MUELLER
	A. A. ROBERTSON
	T. TIMELL
Senior Instructor	C. E. DROVER

11. (Fac. Eng. 902) GENERAL CHEMISTRY (Full course). A general survey of Inorganic Chemistry. This includes Atomic and Kinetic-Molecular theory, the theory of Ionization, with elementary examples of ionic equilibrium, rates of chemical reaction, law of mass action, oxidation and reduction, the electromotive series of the metals, the Periodic Law and the Electronic theory of Valence. The preparation and properties of the more important elements and their compounds in relation to atomic and molecular structures are emphasized.

2 lectures per week. *Professors Winkler, Nicholls, Yaffe, Holcomb, and Onyszchuk*

1 tutorial per week. *Professors Holcomb and Onyszchuk*

Textbook: Graham and Cragg, The Essentials of Chemistry (Clarke-Irwin).

Laboratory: The lectures are supplemented by descriptive and quantitative experiments, including volumetric analysis, illustrative of the important principles and theories.

3 hours per week. *Professors Holcomb and Onyszchuk*

Prerequisites: Physics 11 and Mathematics 111 (or their equivalents) unless taken concurrently.

21. (Fac. Eng. 940) SYSTEMATIC INORGANIC CHEMISTRY (Full course). A systematic, detailed description of the properties of the elements and their compounds based upon the periodic classification of the elements. This includes an introduction to the relation between properties, structure and types of bonding.

2 lectures per week. *Professors Holcomb and Onyszchuk*

Textbook: Partington, Textbook of Inorganic Chemistry (Macmillan).

21L. INORGANIC CHEMISTRY LABORATORY (Half course). The preparation, purification, analyses and reactions illustrative of the general methods and types of compounds discussed above (21). The reactions and solubility relations of the cations and anions are included, together with the methods for their separation and identification.

3 hours per week. *Professors Holcomb and Onyszchuk*

For Honours Chemistry students only.

22. (Fac. Eng. 948) ORGANIC CHEMISTRY (ELEMENTARY).

(a) (Half course). A survey of the special characteristics of carbon and its compounds, stressing the principal families of compounds and their reactions and dealing mainly with those involving single functional groups.

2 lectures and 1 tutorial per week. *Professors Purves and Nicholls*

Text: Hart and Schuetz, A Short Course in Organic Chemistry (Houghton Mifflin).

(b) Half course). A commentary on the nomenclature, occurrence, preparation, properties, and uses of the more important classes of carbon compounds, and on the principles of functionality, homology and isomerism. A continuation of course (a) in greater detail, so as to include polyfunctional compounds.

2 lectures and 1 tutorial per week. *Professors Purves and Nicholls*

Text: Hart and Schuetz, A Short Course in Organic Chemistry (Houghton Mifflin).

Laboratory: Illustrative experiments.

3 hours per week. *Professors Taurins and Edward*

Laboratory Text: Fieser, Experiments in Organic Chemistry. 3rd ed. (Heath and Co.).

Prerequisites: Chemistry 11 and Physics 11 or their equivalents.

23. (Fac. Eng. 944) INORGANIC QUANTITATIVE ANALYSIS (ELEMENTARY) (Full course). Reactions of electrolytes in solution; ionization constant; solubility product constant; common-ion effect. Theory of gravimetric and volumetric precipitation; theory of indicators and acid-base titrations; oxidation-reduction methods.

Laboratory: Simple gravimetric determinations; typical volumetric procedures including precipitation, neutralization, and oxidation-reduction methods. All samples are solids which must be weighed and brought into solution by the student.

1 lecture and 6 hours laboratory per week. *Professor Mennie*

Text: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

Prerequisite: Chemistry 11.

24. PHYSICAL CHEMISTRY (ELEMENTARY) (Full course). Fundamental physico-chemical topics including states of matter, equilibria, electrochemical phenomena, chemical kinetics, thermodynamics.

3 lectures per week. *Professor Winkler*

Text: Glasstone, Elements of Physical Chemistry (Van Nostrand)

Prerequisites: Chemistry 11, Physics 11, Maths 224 (or equivalent) unless taken concurrently.

31. ATOMIC STRUCTURE AND VALENCE THEORIES (Full course).

2 lectures per week. *Professors Yaffe and Onyszchuk*

Prerequisite: Chemistry 21, Physics 11, Mathematics 224 or 225.

32. (Fac. Eng. 962) ORGANIC CHEMISTRY (ADVANCED) (Full course). A course in descriptive organic chemistry at an advanced level. It develops and extends the material presented in Courses 22a and b. Special consideration is given to the following topics: polyfunctional compounds, aromatic substances, heterocyclic compounds, terpenes, carbohydrates, fats and peptides.

2 lectures per week. *Professor Nicholls*

Text: Wertheim, Textbook of Organic Chemistry, 3rd ed. (McGraw-Hill).

Prerequisite: Chemistry 22.

32L. ORGANIC CHEMISTRY LABORATORY (ADVANCED) (Half course).

6 hours per week. *Professor Nicholls*

Laboratory Text: Cheronis, Semi-micro and Macro Organic Chemistry (Crowell).

33. INORGANIC QUANTITATIVE ANALYSIS.

(a) (Half course). Introduction to systematic quantitative analysis.

1 lecture and 3 hours laboratory per week. *Professor Mennie*

(b) (Half course). Introduction to instrumental analysis.

1 lecture and 3 hours laboratory per week. *Professor Mennie*

Note: 33a is prerequisite to 33b.

Text: Kolthoff and Sandell, Quantitative Analusis (Macmillan).

Prerequisites: Chemistry 21 and 23.

For Honours Chemistry students only.

34L. (Fac. Eng. 968) PHYSICAL CHEMISTRY LABORATORY (INTERMEDIATE). (Half course). Simple physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids and solutions.

3 hours per week. *Professor Ross*

Text: Daniels, Matthews, Williams, Bender and Alberty, Experimental Physical Chemistry, 5th ed. (McGraw-Hill).

References: Livingston, Physico Chemical Experiments (Macmillan); Palmer, Experimental Physical Chemistry (Cambridge).

Prerequisites: Chemistry 24, 24L.

35. (Fac. Eng. 964) CHEMICAL THERMODYNAMICS AND ELECTROCHEMISTRY. First and second laws, entropy, free energy, activity and fugacity in ideal and real solutions. Solutions of strong electrolytes. Electrode potentials, electro-chemical cells, electrolytic conduction and electrolysis, specific and equivalent conduction, mobility and transport numbers, overvoltage and polarization.

3 lectures per week. *Professor Robertson*

Texts: Koltz, Chemical Thermodynamics (Prentice Hall); Lewis and Randall, Thermodynamics (McGraw-Hill); Glasstone, Introduction to Electrochemistry (Van Nostrand); MacInnes, The Principles of Electrochemistry (Reinhold).

Prerequisite: Chemistry 24.

40. (Fac. Eng. 966) CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS (Half course). Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical, and mechanical properties; experimental methods for controlling and determining the structures of polymers; properties of commercially available materials; methods of fabrication.

1 lecture per week. *Professor Nicholls*

Prerequisites: Chemistry 22 and 32 (the latter course may be taken concurrently).

41. INORGANIC CHEMISTRY (Full course). Descriptive inorganic chemistry based on the Periodic Table.

2 lectures per week. *Professor Mennie*

Prerequisite: Chemistry 31.

42. STEREOCHEMISTRY AND REACTION MECHANISMS (Full course). Optical and geometrical isomerism; Walden inversion; steric hindrance; molecular conformation; reaction mechanisms.

2 lectures per week. *Professor Edward*

References; Klyne, Progress in Stereochemistry (Butterworth); Alexander Ionic Organic Reactions (Wiley); Hines, Physical Organic Chemistry (McGraw-Hill).

Prerequisite: Chemistry 24 and 32.

42L. ORGANIC QUALITATIVE ANALYSIS LABORATORY (Half course). For Honours Chemistry students only. Identification and separation of mixtures of organic compounds.

First term: 9 hours per week. *Professor Edward*

Laboratory Text: Shriner, Fuson and Curtin, The Systematic Identification of Organic Compounds, 4th ed. 1956 (Wiley).

For Honours Chemistry students only.

43. INORGANIC QUANTITATIVE ANALYSIS (Half course). For Honours Chemistry students only. Special methods of quantitative analysis; colorimetric analysis; colorimetric and potentiometric pH measurement; potentiometric and conductometric titrations; polarography, etc.

First term: 1 lecture per week.

Second term: 6 hours laboratory per week. *Professor Mennie*

Texts: Kolthoff and Sandell, Quantitative Inorganic Analysis. (Macmillan); Kolthoff and Laitinen, pH and Electro-titrations (Wiley).

44. (Fac. Eng. 982) CHEMICAL KINETICS (Half course). Rates of homogenous and heterogeneous reactions; activation energy; theories of reaction mechanisms.

1 lecture per week. *Professor Sehon*

Texts: Laidler, Chemical Kinetics (McGraw-Hill); Glasstone, Textbook of Physical Chemistry (Van Nostrand).

References: Frost and Pearson, Kinetics and Mechanism (Wiley); Hinshelwood, Kinetics of Chemical Change (Oxford); Trotman-Dickenson, Gas Kinetics (Butterworth).

Prerequisites: Chemistry 24 and 35.

44L. PHYSICAL CHEMISTRY LABORATORY (ADVANCED) (Full course). More advanced physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids, solutions, and colloids.

6 hours per week. *Professor Ross*

Text: Daniels, Mathews, Williams, Bender and Alberty, Experimental Physical Chemistry, 5th ed. (McGraw-Hill).

References: Weissberger, Techniques of Organic Chemistry, Vol. I, Physical Methods, Vol. IV, Distillation, Vol. VIII, Investigation of Rates and Mechanisms of Reactions (Interscience); Reilly and Rae, Physico-Chemical Methods (Van Nostrand).

Prerequisites: Chemistry 34, 34L and 35.

For Honours Chemistry students only.

45. CHEMICAL THERMODYNAMICS (ADVANCED) (Full course). For Honours Chemistry students only.

2 lectures per week.

1 hour problems alternate weeks. *Professor Schiff*

References: Sillén, Lange, and Gabrielson, Problems in Physical Chemistry (Prentice-Hall); Lewis and Randall, Thermodynamics (McGraw-Hill); Klotz, Chemical Thermodynamics (Prentice-Hall); Paul, Principles of Chemical Thermodynamics (McGraw-Hill); Dole, Introduction to Statistical Thermodynamics (Prentice-Hall).

Prerequisite: Chemistry 35.

46. (Fac. Eng. 986). COLLOID CHEMISTRY (Half course). Descriptive, thermodynamic and kinetic treatment of properties of surfaces, sols, emulsions, gels.

1 lecture per week. *Professor Robertson*

References: Weiser, Colloid Chemistry (Wiley); Adam, Physics and Chemistry of Surfaces (Oxford); Brunauer, Adsorption of Gases and Vapors, Vol. I (Princeton); Alexander and Johnson, Colloid Science (Oxford); Harkins, Physical Chemistry of Surface Films (Reinhold); Jirgensons and Straumanis, Short Textbook of Colloid Chemistry (Wiley); Gregg, The Surface Chemistry of Solids (Reinhold).

Prerequisites: Chemistry 34 and 35.

47. (Fac. Eng. 988) ELECTROCHEMISTRY (Half course). Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells; liquid junction potentials; overvoltage and polarization phenomena.

1 lecture per week. *Professor Ross*

Text: Glasstone, Introduction to Electrochemistry (Van Nostrand). MacInnes, The Principles of Electrochemistry (Reinhold).

Prerequisites: Chemistry 34 and 35.

48. RADIOCHEMISTRY (Half course). An extra half course for Fourth year Honours students. A number of lectures will be given dealing with fundamentals of radiochemistry, radio-tracer techniques and applications. The remainder of the lectures will be devoted to special topics including isotope effects, exchange reactions, C^{14} dating technique, synthesis of the new elements, etc.

1 lecture per week. *Professor Yaffe*

Prerequisite: To be discussed between prospective student and lecturer.

70. SCIENCE IN ECONOMIC LIFE (Full course). By virtue of its two main subdivisions, inorganic and organic, chemistry presents a vast field of service to man. In this course the important principles of industrial chemistry are presented by application to commercial processes where all their aspects are studied in relation to their economic importance.

The course is intended primarily for B.Com. students.

2 lectures per week. *Professor Nicholls*

Text: Selected readings and essays.

73. (Fac. Eng. 954) INORGANIC QUANTITATIVE ANALYSIS (ELEMENTARY) (Half course). Reactions of electrolytes in solution; ionization constant; solubility product constant; common-ion effect. Theory of gravimetric and volumetric precipitation; theory of indicators and acid-base titrations; oxidation-reduction methods.

This course is intended for students specializing in Geology.

Laboratory: Representative gravimetric and volumetric laboratory procedures.

1 lecture and 3 hours laboratory per week. *Professor Mennie*

Text: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

B.Sc. HONOURS COURSE IN CHEMISTRY

This course begins in the Second year. First year students intending to take Honours in Chemistry should consult the Department before the end of the session.

Second and Third year Honours students may make application for summer employment in the research laboratories of the department.

Prerequisites: At least good second class standing in Chemistry 11, Mathematics 111, and Physics 11 or their equivalents.

Second year: Chemistry 21, 21L, 22, 23, 24; Mathematics 224 or 225; Physics 23.

Third year: Chemistry 31, 32, 32L, 33, 34L, 35; Mathematics 332; Physics 33, German 101.

Fourth year: Chemistry 41, 42, 42L, 43, 44, 44L, 45, 46, 47; Mathematics 447.

NOTE:—Students anticipating specialization in Chemistry are recommended to include Intermediate Mathematics in their Junior Matriculation subjects. If they enter by Senior Matriculation they should include Co-ordinate Geometry in this examination.

GENERAL COURSE STUDENTS

B.Sc.—Provided the necessary prerequisites (Chemistry 11, Physics 11, Mathematics 111, or their equivalents) have been passed, courses in chemistry may be selected from Chemistry 21, 22, 23, 24, 31, 32, 35, and other courses by special permission of the Department. *For continuation in Chemistry, at least one of the courses chosen must be at a level more advanced than the Second year.*

The Department of Chemistry would be glad to discuss with the student an appropriate plan of study.

B.A. students normally are admitted to Chemistry 11 only in their Second year *after* passing Physics 11 in their First year and if they plan to take a Chemistry course in a later year.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

CLASSICS

Professor CLIVE H. CARRUTHERS (*Post-retirement*)

Associate Professors E. M. COUNSELL
COLIN D. GORDON
PAUL F. MCCULLAGH, *Chairman*

Assistant Professor GERALD R. VALLILLEE

Lecturers E. MARIE SPENCE
B. P. REARDON

GREEK

Courses numbered 221 and above are available to General Course students in the Second, Third or Fourth year.

1. BEGINNERS' GREEK (Full course). For students who have not matriculated in Greek, the completion of this course and Greek 2 will be accepted as fulfilling the Classical Language requirement for the B.A. degree.

3 hours. *Professor Gordon*

Text: Greek through Reading (Nairn, Ginn & Co.).

2. INTERMEDIATE GREEK (Full course). Grammar, readings, and studies in Greek Literature.

Prerequisite: Greek 1, except by permission of the Chairman of the Department.

3 hours. *Miss Spence*

Texts: Selections from Xenophon; prose composition; Homer, selections.

221. GREEK (Full course). Readings in Plato.

Prerequisite: Matriculation Greek, or Greek 2.

3 hours. *Professor Gordon*

Texts: To be announced.

222. GREEK (Full course). Readings in Homer; Attic prose selections; prose composition.

3 hours. _____

223. HELLENISTIC GREEK (Full course). Readings from Hellenistic authors and the New Testament. Permission of the Department must be obtained before registering for this course.

3 hours. *Professor Carruthers*

Texts: To be announced.

331. GREEK (Full course). Greek Drama.

3 hours. _____

332. GREEK (Full course). Greek Historians.

3 hours. _____

333. GREEK (Full course). Reading course. Authors to be chosen according to interests and ability of students. Registration limited.

3 hours. _____

441. GREEK (Full course). Greek Orators.

3 hours. _____

442. GREEK (Full course). Greek Philosophy.

3 hours. _____

Texts: Plato, Republic (Selections); Aristotle, Ethics (Selections); Sight Translation.

For Honours courses, continuation courses and other courses in Classics see below (page 1051).

LATIN

Courses numbered 221 and above are available to General Course Students in the Second, Third or Fourth year. Only certain courses from those numbered 223-442 are given in any one session. Consult department for details.

1. BEGINNERS' LATIN (Full course). The completion of this course and Latin 2 will be accepted as fulfilling the Classical Language requirement for the B.A. degree. Students who have passed the McGill School Certificate examination in Latin or its equivalent are required to take Latin 100 for this purpose.

3 hours. *Members of the Department*

Text: Wilding, Latin Course for Schools, Parts I and II (Faber & Faber).

2. INTERMEDIATE LATIN (Full course).

Prerequisite: Latin 1.

3 hours. *Members of the Department*

Texts: Wilding, Latin Course for Schools, Parts II and III.

100. LATIN. First year (Full course). The completion of this course fulfils the Classical Language requirement for the B.A. degree. Reading selections, composition and sight translation.

3 hours. *Members of the Department*

Texts: To be announced.

221. LATIN (Full course). Vergil, Aeneid. A study of the poet's art and purpose. The poem will be read partly in the original, partly in translation.

3 hours.

222. LATIN (Full course). Readings in Cicero, Catullus and Horace (odes); composition.

3 hours. *Professor Counsell*

Texts: To be announced.

223. READINGS IN LATE AND MEDIEVAL LATIN (Full course). Permission of the Department must be obtained before registering for this course.

3 hours. *Professor Counsell*

Text: To be announced.

331. LATIN (Full course). Prose of the age of Cicero.

3 hours.

332. LATIN (Full course). Readings from the Bucolics and Georgics.

3 hours. *Professor Carruthers*

333. LATIN (Full course). Reading course. Authors to be chosen according to interests and ability of students. Registration limited.

3 hours.

441. LATIN (Full course). Roman Historians.
3 hours. *Professor Carruthers*

442. LATIN (Full course). Roman Satire: Horace and Juvenal.
3 hours. *Professor Carruthers*

For Honours courses, continuation courses and other courses in Classics, see below (page 1051).

OTHER COURSES

ANCIENT HISTORY 110.—GREEK AND ROMAN HISTORY (Full course). A general course available both to First year students and to those in the upper years. A survey of Greek and Roman history from the origins to the beginning of the Middle Ages. 3 hours. *Professor Gordon*

Text: Ancient History, C. E. Robinson (Macmillan).

ANCIENT HISTORY 221.—GREEK HISTORY (Full course). The origin, development, achievements, and decay of the Greek city-state society, from the time of Homer to Alexander the Great. Particular attention will be paid to Greek life and culture and to Greek contributions to modern civilization.
3 hours. *Professor Gordon*

Ancient History 11, though not a prerequisite, is desirable for students taking this course and Ancient History 22.

ANCIENT HISTORY 222.—ROMAN HISTORY (Full course). The political and social development of the Roman state from its origins to the time of Augustus, with particular attention to the collapse of the Republic and the founding of the Principate.
3 hours. *Professor Gordon*

(*Not given in 1957-58.*)

CLASSICS 200.—CLASSICS IN TRANSLATION (Full course). For Second, Third and Fourth year students. Each student will select, for special study, one of four fields (Epic Poetry, Drama, History, Ethical and Political Theory). The examination will be in two parts of equal value, one on the special field, the other on general knowledge.
3 hours. *Professor McCullagh*

CLASSICS 331.—COMPARATIVE GRAMMAR. For Third year Honours students (Half course).
2 hours. *Professor Carruthers*

LINGUISTICS 221.—INTRODUCTION TO THE STUDY OF LANGUAGE. Available to Second, Third, and Fourth year students (Full course). An elementary survey of human speech, its nature, origin, structure, and classification;

principles of linguistic change; writing and the alphabet; universal and auxiliary languages.

3 hours. *Professor Carruthers*

HONOURS COURSES IN CLASSICS

Students will take two full courses each year both in Latin and in Greek, and, in addition, Classics 331 and Ancient History 110.

Honours in Latin or Greek may be combined with Honours in another subject, as follows:

1. **Greek and Philosophy.** Students entering without Greek must take Greek in the First year. *Second year:* two courses of Greek 221, 222, 223; Philosophy 200 and 300 (if the special field is Ethics) or Philosophy 200 and either 310 or 320 (if the special field is Systematic Philosophy). *Third year:* Greek 331 and 332; Philosophy 350 and 360. *Fourth year:* Greek 441 and 442; Philosophy 370 or 420 or 440 or 450; Philosophy 400 (if the special field is Ethics) or Philosophy 410 (if the special field is Systematic Philosophy). Additional courses must be approved by the two Departments.

2. **Latin and Philosophy.** Students will take the regular Latin course of the First year. *Second year:* two courses of Latin 221, 222, 223, Philosophy 200 and 300 (if the special field is Ethics) or Philosophy 200 and either 310 or 320 (if the special field is Systematic Philosophy). *Third year:* Latin 331 and 332; Philosophy 350 and 360. *Fourth year:* Latin 441 and 442; Philosophy 370 or 420 or 440 or 450; Philosophy 400 (if the special field is Ethics) or Philosophy 410 (if the special field is Systematic Philosophy). Additional courses must be approved by teh two Departments.

3. **Latin and Spanish** Students will take the regular Latin and Spanish courses of the First year. *Second year:* Two courses of Latin 221, 222, 223; Spanish 21 and 22; Linguistics 221. *Third year:* Latin 331 and 332, Spanish 31 and 33. *Fourth year:* Latin 441 and 442; Spanish 41 and 42. An additional course may be required in the Third and the Fourth year.

4. **Latin and English.** See description under the Department of English.

5. **Greek and English.** See description under the Department of English.

6. **Latin and French.** See description under the Department of Romance Languages.

7. **Latin and German.** See description under the Department of German.

8. **Greek and German.** See description under the Department of German.

All Honours courses must be approved by the Department.

CONTINUATION COURSES

Students offering Latin (or Greek) as a Continuation subject will take one course in their Second, Third, and Fourth years.

GRADUATE COURSES IN CLASSICS

See the Announcement of the Faculty of Graduate Studies and Research.

ECONOMICS AND POLITICAL SCIENCE

Professors	————, *Chairman*
	E. F. Beach
	G. E. G. Catlin
	F. C. James
	H. D. Woods
	D. McC. Wright
Associate Professors	Irving Brecher
	K. B. Callard
	J. T. Culliton
	M. C. Kemp
	J. R. Mallory
	J. C. Weldon
Assistant Professors	Michael Brecher
	S. J. Frankel
	R. C. Pratt
Lecturer	(1957-58) J. Hebert, S.J.
Visiting Lecturer	(1957-58) M. K. Oliver
Sessional Lecturer	T. J. Plunkett

With the assistance of the following members of the School of Commerce: Professor E. W. Kierans, Assistant Professor D. E. Armstrong.

ECONOMICS COURSES

100. ECONOMIC HISTORY. First year (Full course). A survey of the evolution of economic institutions from the ancient empires in Sumaria and Egypt to the outbreak of war in 1939. The course reviews the continuity of economic activities from the early empires through Greece and Rome; the manorial organization of the early Middle Ages; the revival of towns, commerce, and financial institutions; the widening of geographical and

intellectual horizons; the industrial revolution and colonization; the economy of the 19th century; the first world war and the breakdown of the war economy after 1931.

3 hours. *Professor James*

211H. INTRODUCTION TO ECONOMIC THEORY. Second year (Full course). An introduction to economic analysis covering general price theory, the theory of the firm, theory of production and distribution, and general equilibrium theory.

3 hours. *Professor Beach*

This course is prerequisite to all Honours courses in Economics.

211G. ELEMENTS OF POLITICAL ECONOMY. Second year (Full course). Production, distribution, and exchange of goods; money and banking; price; international trade and foreign exchange; labour and trade unions; related topics.

3 hours. *Professor Culliton*

This course is prerequisite to all courses in Economics except Economics 100 and 361.

211C. PRINCIPLES OF ECONOMICS. Second year (Full course). An introduction to the general principles of economics, covering monetary systems, price levels, national income, production, competition, and international trade.

3 hours. *Professor Wright*

This course is prerequisite to all courses in Economics except Economics 100 and 361.

300. ECONOMIC HISTORY OF MODERN BRITAIN. Third or Fourth year (Full course). Traces the course of British economic development from the breakdown of the medieval system to the present day. Particular attention is paid to the influence on British history of population movements; the introduction of new techniques in agriculture, transportation, industry, and finance; and the economic development of overseas areas.

3 hours.

(*Not given in 1958-59.*)

311. HISTORY OF ECONOMIC THOUGHT. Third or Fourth year (Full course). A critical study of the writings of the great economists, with particular reference to the period from Adam Smith to the present day.

For Honours students only.

3 hours. *To be arranged*

321G. MONEY AND BANKING. Third year (Full course). Theory and practice of money and credit; organization and operations of financial institutions; monetary policy; concept and function of money; early history of credit institutions; the crisis of 1825, the Peel Bank Act, and the development of the British financial system; the National Banking System in U.S. and the evolution of the Federal Reserve System; early development of Canadian banking; effects of World Wars I and II and of the Great Depression on U.S., U.K., and Canadian banking; monetary policy and economic fluctuations.

3 hours. *Professor Kierans*

321H. MONEY AND BANKING. Third year (Full Course).

For Honours Students.

3 hours. *Professor Weldon*

322b. ECONOMIC DYNAMICS. Third and Fourth year (Half course). An examination of the methodological problems of model building. Covers forma. tion of expectations, planning under uncertainty, aggregation problem, period analysis, solution of simple difference and differential equations. Special consideration is given to the monetary aspects of macro-models.

Second term: 3 hours. *Professor Kemp*

Prerequisite: First term of Economics 321.

331. ECONOMIC POLICY. Third and Fourth year (Full course). A study of governmental economic policy in its political and administrative setting. Topics to be discussed will include property and the political system, monetary-fiscal policy, commercial policy, anti-monopoly policy, agricultural policy, the independent regulatory commission, the public corporation, and economic planning. The techniques of public and legislative control over each sphere of economic policy will be examined. Close integration of the relevant subject-matter in economics and political science will be attempted.

3 hours. *Professor Irving Brecher and others*

Prerequisite: Economics 211C, G, or H and Political Science 221G or H. This course may be taken for continuation in Political Science.

335a. MONOPOLY, COMPETITION, AND PUBLIC POLICY. Third and Fourth year (Half course). A study of the structure and performance of industrial markets, with particular emphasis on the problems of maintaining effective competition. Canadian, American and British experience will be examined. Readings will cover leading law cases, as well as relevant economic literature.

First term: 3 hours. *Professor Irving Brecher*

341a. LABOUR ECONOMICS. Third year (Half course). The origin of labour problems in modern industrial organization; their interpretation by economic theory; the theory of wages and employment.

First term: 3 hours. *Professor Woods*

341b. LABOUR INSTITUTIONS. Third year (Half course). The course is designed to supplement the course in labour problems but may be taken separately. It deals with trade unions, co-operative societies, credit unions, labour political movements, labour legislation, and governmental organization in the labour field. Students are advised to take Economics 341a.

Second term: 3 hours. *Professor Woods*

351. CANADA: GEOGRAPHIC, INDUSTRIAL, AND ECONOMIC PROBLEMS. Third year (Full course). This course consists of discussions on current economic and political problems in Canada with special emphasis on their origins, causes, and possible solutions, e.g., the wheat problem, the coal problem, etc.

3 hours. *Professor Culliton*

361. ECONOMIC STATISTICS. Third year (Full course). Description of frequency distributions including averages, dispersion, and skewness. Charting and analysis of time series: trend lines, seasonal indexes, and measurement of cyclical fluctuations. Index numbers. Simple linear correlation. An introduction to Statistical Inference covering the following topics; elementary distributions, sampling, tests of statistical hypotheses, and estimation of population parameters.

2 hours, lecture, 2 hours laboratory. *Professor Beach*

Prerequisite: Mathematics 111; Economics 211 is not a prerequisite.

363a. ECONOMETRICS I. Fourth year (Half course). An elementary mathematical treatment of basic economic theory. Attention is chiefly given to technique.

First term: 3 hours. *Professor Kemp*

371a. CAPITALISM, SOCIALISM AND DEMOCRACY. Third or Fourth year (Half course). A discussion of the inter-relationships of economic and political organization as parts of the pattern of a democratic culture. Readings will include selections from Schumpeter, Hayek, Karl Marx, Wright, Keynes, the American Constitutionalists, and others.

First term: 3 hours. *Professor Wright*

This course may be taken for continuation in Political Science.

400. THE ECONOMIC HISTORY OF NORTH AMERICA. Third or Fourth year (Full course). Deals primarily with Canada and the influence of the United States on Canadian economic development. The cod fisheries; fur trade, settlement, and the struggle for the continent; breakup of the first British Empire; Confederation; commercial policy; railways; twentieth century industries.

(*Not given in 1958-59.*)

411. ADVANCED ECONOMIC THEORY. Fourth year (Full course). An attempt to formulate the theoretic problems on the frontiers of the science and to study attacks on these problems in the recent literature.

For Honours students only.

3 hours. *Professors Beach and Wright*

Prerequisite: Economics 311.

412a. ECONOMIC ANALYSIS. Third or Fourth year (Half course). Analysis of the problems of the economy with special reference to Canada: the national accounts; the eclectic theory of the business cycle; a study of Canadian monetary and fiscal policy; Canadian trade agreements.

First term: 3 hours. *Professor Armstrong*

412b. ECONOMIC ANALYSIS. Third or Fourth year (Half course). Analysis of the economic problems of the firm: the basis of the demand curve—consumption by the household; entrepreneurial determination of market demand; types of markets and the price-output behaviour of firms in the different types of markets—agricultural markets, monopolistic markets, etc.; control of monopoly in Canada; special problems of the firm—advertising, forecasting demands, unionization and the supply of labour, location of industry, etc.

Second term: 3 hours. *Professor Armstrong*

421. PUBLIC FINANCE. Third or Fourth year (Full course). A seminar course divided into three parts. 1. The theory of public finance. 2. A study of Canadian public finance at the federal, provincial and municipal levels. 3. Special problems of Canadian public finance. Emphasis will be placed on Part 3, which will include consideration of such topics as tax-rental agreements, regional redistribution of income by provincial and federal governments, the effects of the Canadian tax structure on business, and the problem of stabilizing employment in the Canadian federation.

3 hours. *Professor Armstrong*

422a. ECONOMIC FLUCTUATIONS. Fourth year. Analysis of the nature and causes of fluctuations in income, employment, prices, production, etc. The three types of cycle: Kitchin, Juglar, and Kondratieff; secular stagnation, the concept of national income; major components; fundamental

savings-investment and monetary flow equations; the multiplier; the relation; interactions of multiplier and relation; the Schumpeter model; the Kalecki-Kaldor model; the Hayek model; the Keynesian system; Hansen and the doctrine of economic maturity.

For Honours students only.

First term: 3 hours. *Professor Armstrong*

Prerequisite: Economics 321.

422b. FISCAL POLICY. Fourth year (Half course). This course is concerned with actual and proposed economic policies for the maintenance of full employment without inflation. Nature of the employment problem; policy implications of various explanations of economic fluctuations; policy implications of "long wave" and "stagnation" theories; policies to stimulate private investment; policies to increase consumer spending; public investment policy; monetary vs. fiscal policy; tax reduction vs. increased expenditures; foreign trade policy and employment; debt management.

For Honours students only

Second term: 3 hours. *Professor Irving Brecher*

Prerequisite: Economics 422a.

424. INTERNATIONAL TRADE AND FINANCE. Third and Fourth year (Full course). 1. Volume and composition of international trade; international commodity markets; international money and capital markets; dynamics of trade and investment. 2. International analysis and international trade; international income flows and the mechanism of adjustment; international income flows and the level of economic activity; international trade and the international allocation of resources; the distribution of income under free and restricted trade; the gains from free and restricted trade; the international spread of income changes. 3. Ends of international economic policy; post-war recovery programmes; international monetary funds, and international monetary and exchange-rate policy; tariffs, trade agreements, and the struggle for multilateralism; the problems and possibilities of international investment: direct and portfolio; Export-Import Bank; International Bank; future of private investment and multilateral trade.

3 hours. *Professor Weldon*

Prerequisite: Economics 321.

425a. CORPORATION FINANCE. Fourth year (Half course). The capital supply of corporations; money and capital markets; concept and short history of business corporations, their changed structure and increased importance; the instrumentalities of corporation finance (bonds, stocks, hybrid

forms and trust certificates); holding and investment companies; corporate finance in action (promotion, management, expansion, decline, and failure); security markets and their function, organization, operation, and control.

First term: 3 hours. *Professor Kierans*

425b. INVESTMENT ANALYSIS. Fourth year (Half course). Role of investment; the investment outlets (government bonds, corporate securities, mortgages, real estate) as seen by the buyer; the concepts of income, risk, value, and appreciation; analysis of specific investment outlets; market behaviour and its analysis; investment methods.

Second term: 3 hours. *Professor Kierans*

431. INTERNATIONAL COMMODITY CONTROLS. Fourth year (Full course). This course includes, as well as international commodity controls, the wider question of monopolies, cartels, patents, and monopoly legislation. It is conducted along seminar lines.

3 hours *Professor Culliton*

432. TRANSPORTATION. Fourth year (Full course). History and development of the Canadian transportation system; economic characteristics of the various transportation media; comparative analysis of cost and rate structures; problems of regulation and control.

3 hours. *Professor Culliton*

441. INDUSTRIAL RELATIONS. Third and Fourth year (Full course). An introduction to the problems of employer-employee relations, including the management of personnel, legislation, employee organizations, and the State function and public interest in industrial relations. Plant visits and reports are an integral part of the course.

3 hours *Professor Woods*

442. COLLECTIVE BARGAINING. Fourth year (Full course). A seminar course involving an intensive study of collective bargaining institutions and techniques, grievance procedures, law and the state machinery for industrial relations. The course covers trade unionism, employers associations, collective agreements, negotiations, the content of such agreements, conciliation, and arbitration. Experience in other industrial countries is also examined.

Students are admitted only by permission of the instructor.

3 hours *Professor Woods*

461b. ECONOMETRICS II. Fourth year (Half course). A development of the mathematical aspects of econometrics. Attention is chiefly given to selections from the recent literature.

Second term: 3 hours. *Professor Kemp*

Prerequisite: Economics 363a or equivalent.

462a. STATISTICAL INFERENCE. Fourth year (Half course). A continuation of the statistical theory of sampling, reliability, estimation, and testing of hypotheses developed in Economics 361.

3 hours.

Prerequisite: Economics 361.

POLITICAL SCIENCE COURSES

Political Science 221G, 211H or 212, and either History 100 or Economics 100, are prerequisite to all Third and Fourth year courses in Political Science. Honours students will take Political Science 211H.

211G. COMPARATIVE GOVERNMENT. Second year (Full course). An introduction to the theory and practice of modern govermment. This involves a comparative study of the institutions and experience of contemporary constitutional and dictatorial states.

2 hours and conference. *Professor Callard*

211H. COMPARATIVE GOVERNMENT. Second year (Full course).

For Honours students.

3 hours. *Professor Frankel*

212. INTRODUCTION TO POLITICS. Second, Third or Fourth year (Full course). An analysis of the basic concepts of Political Science, with illustrations drawn mainly from the experience of constitutional and dictatorial government as practised in certain modern states. In the second term, the emphasis is upon international relations.

3 hours. *Professor Catlin*

311. HISTORY OF POLITICAL THEORY. Third year (Full course). A survey of the development of Western political thought from ancient Greece down to the present.

3 hours. *Professor Catlin*

312b. WESTERN POLITICAL PHILOSOPHY. Third year (Half course). A survey of the broad outlines of Western political philosophy, especially in the modern period, designed for students in the fields of political science, philosophy and history without prior specialized study in political theory.

(*Not given in 1958-59.*)

322. PARLIAMENTARY GOVERNMENT IN THE BRITISH COMMONWEALTH. Third or Fourth year (Full course). The structure of parliamentary and cabinet government in the United Kingdom, and a discussion of its modifications to meet the requirements of the other autonomous countries of the Commonwealth; the machinery of Commonwealth co-operation.

3 hours. *Professor Mallory*

323. POLITICS AND GOVERNMENT IN ASIA. Third or Fourth year (Full course). A consideration of the origins and development of the political systems which have emerged in Asia since the end of World War II, with particular attention to India, Pakistan, China and Japan.

3 hours. *Professor Michael Brecher*

324a. COLONIALISM. Third or Fourth year (Half course). A study of the theory and practice of colonialism, the government and politics of contemporary colonial territories, their significance internationally, and the experience and the problems of introducing democratic institutions of self-government in these territories.

First term: 3 hours. *To be arranged*

325b. THE GOVERNMENT OF THE UNITED STATES. Third or Fourth year (Half course). A study of the Constitution, the political institutions, and the working of Congressional Government in the United States.

Second term: 3 hours. *Professor Callard*

341. PUBLIC ADMINISTRATION. Third or Fourth year (Full course). A study of the machinery of government, with examples drawn mainly from Canada, the United States, and the United Kingdom. The increasing size and complexity of modern government; the problem of bureaucracy; central control of policy; the civil service; other agencies of government, regulatory and commercial; the legislature and the administration; the courts and the administration; public control and accountability.

2 hours and conference.

(*Not given in 1958-59.*)

343a. MUNICIPAL GOVERNMENT. Third or Fourth year (Half course). A study of systems of local government in Great Britain, the United States and Canada, and an examination of municipal problems of law, politics, and finance.

First term: 3 hours. *Mr. Plunkett*

344. INTERNATIONAL RELATIONS. Third or Fourth year (Full course). A study of the theory and practice of international politics and organization. The course will deal with the nature, forms and components of state power; balance of power; objectives and motivations of foreign policy;

nationalism; imperialism; international morality; international law; diplomacy; structure and dynamics of the League of Nations and the United Nations; selected problems in contemporary international politics.

3 hours. *Professor Michael Brecher*

351. GOVERNMENT OF CANADA. Third or Fourth year (Full course). The working of parliamentary federations in Canada. The problems of federal-provincial relations; the structure of parliamentary government; the evolution of national status.

3 hours. *Professor Mallory*

353b. FEDERALISM. Third or Fourth year (Half course). An examination of the characteristics of federal systems and the application of the techniques of federal government to multicultural and other nonhomogeneous countries. Particular attention will be paid to the factors of race, religion, language, and geography in creating the conditions which make federalism desirable and to such problems as the division of legislative power, judicial review, and constitutional amendment.

Second term: 3 hours. *Professor Mallory*

Prerequisites: Political Science 211 H or 211 G and Political Science 351.

355a. POLITICAL PARTIES. Third or Fourth year (Half course). A comparative study of the organization, rôle and functioning of political parties and the party system in constitutional states.

First term: 3 hours. *Professor Frankel*

411a. ADVANCED POLITICAL THEORY. Fourth year (Half course). An advanced course mainly for Honours students. The course will deal with selected topics in recent political theory. In particular it will deal more intensively with certain problems of contemporary importance, such as modern totalitarian theory, which are necessarily treated only briefly in Political Science 311.

First term: 3 hours. *To be arranged*

Prerequisites: Political Science 211 and 311.

412b. A STUDY OF BOLSHEVISM. Fourth year (Half course). An examination of the ideological background of Soviet Communism and its role in the process of gaining and maintaining political power. Political thought

from Marx to Mao Tse Tung; the Leninist concept of party and revolution; the Russian and Chinese revolutions; government and politics in the U.S.S.R.

Second term: 3 hours. *Professor Frankel*

Prerequisites: Political Science 311 *or* Economics 371b.

Note:—Philosophy 400, Constitutional Law, and Jurisprudence may be offered, by permission of the Department, as courses in Political Science.

CONTINUATION COURSES

Economics and Political Science are regarded as separate disciplines for continuation purposes, with the exception of Economics 331 and Economics 371a.

HONOURS COURSES

The following is the basic programme for students wishing to take full Honours in Economics and Political Science:

Second year: Economics 211H, Political Science 211H, and three elective courses outside the Department but subject to its approval.

Third year: Economics 311, Political Science 311, one additional course in the Department and another approved course outside.

Fourth year: Three approved courses within the Department, one of which must be in the minor field, and one approved course outside.

Courses in the Third and Fourth years will follow a logical sequence and should lead to some specialization in a particular area of the major field. Honours students must consult their departmental advisers about the proper planning of their courses.

JOINT HONOURS

Joint Honours with other Departments may be taken as follows:

(a) Economics and History

First year: Economics 100 *or* History 100 and four other courses as required by Faculty.

Second year: Economics 211H, History 200, *either* History 205 *or* History 210, *either* Political Science 211H *or* Geography 211, one other approved outside course.

Third year: Economics 311, *either* Economics 321 *or* Economics 331, History 305, History 310.

Fourth year: Economics 324, *either* Economics 421 *or* Economics 335a and 371b, History 405, History 420.

(b) Economics and Mathematics

Second year: Two approved full courses in the Department of Economics and Political Science together with Mathematics 225, 226, and one approved outside course.

Third year: Two approved full courses in Economics together with Mathematics 227, 333.

Fourth year: Two approved full courses in Economics together with Mathematics 339 and any other approved elective course which may be, if desired, a second Mathematics course selected with the approval of the Chairman of the Mathematics Department.

(c) Economics and Philosophy

First year: Students contemplating joint Honours in Economics and Philosophy should consult the two departments in the choice of first year electives.

Second year: Economics 211H, Philosophy 300, Philosophy 310, and two approved outside courses.

Third year: Economics 311, *either* Philosophy 350 *or* Philosophy 360, and two other courses to be chosen in consultation with the two departments, with a view to Fourth year specialization.

Fourth year: Economics 411, *either* Philosophy 350 *or* Philosophy 360 (whichever was not taken in the Third year), one other course in Economics in an approved field of specialization, and one other approved course.

Joint Honours Comprehensives: At the end of the Fourth year, students will sit a comprehensive examination consisting of the following papers:

Ethics and Political Philosophy
The History of Philosophy
Major paper in Economics
Special subject in Economics.

Ordinary course examinations in the two departments are replaced by these four papers.

(d) Political Science and Sociology

Second year: Political Science 211H and Sociology 210.

Third year: Political Science 311, 355a and either Political Science 343a or Economics 371a; Socilogy 300a, 310a, 311b and any *one* of the following: Sociology 330b, 331b, 360a, 350b.

Fourth year: Political Science 411a, 515 (Graduate seminar in political theory) and one other approved full course or two half courses; Sociology 432a, 433b, 430a and one other approved half course.

(e) Anthropology and Political Science (see page 1161)

(f) History and Political Science (see page 1103)

(g) Philosophy and Political Science (see page 1122)

THE WRITTEN COMPREHENSIVE EXAMINATIONS FOR HONOURS B.A.

Examinations at the conclusion of the Fourth year will normally be as follows:

(a) *A Major paper:* This will be a two-part examination. Part I (3 hours) will be the course examination(s) on the Major subject taken in the Fourth year (e.g., Economics 411, Political Science 411a, etc.). Part II (2) hours) will be of a more general and comprehensive character and will attempt to test the student's ability to integrate his knowledge of the Major field. It will be based, to a large extent, on the subject matter of Economics 211H and 311 for Economics students, or, for Political Science students, Political Science 211H and 311.

(b) *A Minor paper:* This will be the regular course examination on the subject in the Minor field taken during the Fourth year.

(c) *A Special paper:* This examination will cover the field chosen by the student for specialization and will be based on the sequence of courses in this field and on special reading and research. Examples of fields for specialization are, in Economics, Economic Theory, Labour Economics, International Trade, etc., and, in Political Science, Political Theory, Public Administration, International Relations, etc.

Note: The grade or grades assigned to the course or courses constituting the Major subject will be based on the results of both the course examination(s) and the comprehensive part of the Major paper (e.g., the grade for Political Science 411a will include a weight for the results of the comprehensive part of the final Major paper).

There are no further examination requirements in the three courses normally taken in the Department during the Fourth year. It should be noted that the student is responsible for the regular examination in the course taken outside of the Department, or in the fourth course which is taken within the Department in lieu of an outside course. Thus, the Honours student writes four examinations in all at the end of his final year.

In preparation for the Comprehensive Examinations, course work will be supplemented during the Third and Fourth years by tutorial instruction.

Honours students in Economics or Political Science in the School of Commerce should consult the School of Commerce Announcement.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

EDUCATION

Professor C. E. Smith, *Chairman*

COURSES OFFERED AS A SUBJECT FOR THE B.A. OR B.Sc. DEGREE

EDUCATION 200: THE HISTORY OF EDUCATION IN WESTERN SOCIETY

The history of education in Europe and America, including a comparative study of the systems of public education in the countries of Western Europe, the United States, and Canada.

3 hours a week. (*Not offered in 1958-59.*)

EDUCATION 400: PHILOSOPHICAL FOUNDATIONS OF EDUCATION

An examination of significant philosophical ideas which have influenced Western education.

3 hours a week.

For courses in Education offered for the B.Ed. degree; for courses leading to the High School Diploma; and for Regulations of the Protestant Committee governing the award of teaching diplomas; see the separate Announcement of the Institute of Education.

ENGLISH

Professors Ralph S. Walker, *Chairman*
H. G. Files
Joyce Hemlow

Associate Professors Alec Lucas
Hugh MacLennan
Archibald E. Malloch

Assistant Professors Constance Beresford-Howe
Curtis D. Cecil
Louis Dudek
Alan Heuser
Slava Klima
Gordon F. Sleigh

Lecturers

WILLIAM T. BOOTH
KEITH BROWN
ALLAN J. HARTLEY
JANET E. M. JACKSON
MARTIN PUHVEL
HARRY M. RITCHIE
MARGERY E. SIMPSON
HUGH D. SPROULE
DONALD WALLACE

Note:—In electing courses, the student should bear in mind that (1) some of the English courses cannot be offered in the current session, but will normally be offered in the next session; and (2) some courses admit only a limited number of students, or require special qualifications for admission. A student who wishes to elect a course but, after examining the Announcement, is uncertain of his eligibility, should consult the instructor responsible for the course.

COURSES FOR STUDENTS IN THE FIRST YEAR

100. ENGLISH LITERATURE (Full course). A selection of major works in the English literary tradition from medieval to modern times.

3 hours (2 lectures and 1 tutorial meeting).

Professor Walker and members of the Department

100C. ENGLISH COMPOSITION. See p. 1020. At the beginning of the session students will be required to take a test in Composition. Those who achieve a high standard in the work of the class may be exempted from the final examination.

1 hour weekly throughout the session.

Professor Lucas and members of the Department

REGISTRATION IN ENGLISH 100 AND 100C: It is important to register at the start of the session. Classes missed through late registration are counted as absences: no student whose unexcused absences exceed one eighth of the number of meetings in the Course is permitted to write the final Examination. Assignments unfulfilled because of late registration cannot be made up: marks obtained for assignments provide 50% of the final grade for the Course.

Those required to repeat the Course are subject to all the regulations governing First year students.

CONDITIONED STANDING: Students conditioned in English 100 and 100C need not attend classes. Special Supplemental Examinations for those in the first year of conditioned standing will be set in April and

September on the 100 Course work of the previous year. If his conditioned standing is extended beyond one year, a student must write the 100 Course Examination on the work of the current year.

All students of the Second and subsequent years, who wish to take part in the work of a course, must register for it at the start of the session.

150. ELEMENTARY ENGLISH COMPOSITION. This course is especially designed to help students whose native tongue is not English and who have particular difficulty in writing correct, idiomatic English.

First year students whose native tongue is not English, and whose proficiency in the use of English is not such, in the opinion of the Department, as to enable them to profit adequately from Course 100C, will be directed to take Course 150 before proceeding to Courses 100 and 100C. First year students not so directed, and students in other years, may, with the permission of the instructor, elect this course, *but they cannot gain from it any credit towards a degree.*

3 hours weekly throughout the session. *Miss Jackson*

COURSES OPEN TO STUDENTS IN THE SECOND YEAR

Courses open to students in the Second year cannot be taken twice for credit, even when their content is changed from year to year.

200. SHAKESPEARE (Full course).

3 hours. *Professor Walker*

220. ENGLISH LITERATURE IN THE EIGHTEENTH CENTURY (Full course).

3 hours. *Professor Files*

230. ENGLISH LITERATURE IN THE NINETEENTH CENTURY (Full course). For Second year students. Recommended as a suitable continuation course.

3 hours. *Professor Sleigh*

240. AMERICAN LITERATURE (Full course). From the literary beginnings to the end of the nineteenth century. *Professor Files*

(*Not given in 1958-59.*)

250. CREATIVE WRITING—INTERMEDIATE (Full course).

Hours to be arranged. *Professor Beresford-Howe*

Registration is limited. Students must have the instructor's permission to take this course.

290. THE GREAT WRITINGS OF EUROPE (Full course). For 1957-58 the period studied will be from 1850 to the present. Most of the works studied are available in translation.

2 lectures and 1 conference weekly. *Professor Dudek*

COURSES OPEN TO STUDENTS IN THE THIRD AND FOURTH YEARS

Third and Fourth year students may take any of the courses open to Second year students.

300. OLD ENGLISH (Full course). English Language and Literature up to the Norman Conquest. The course includes reading from Anglo-Saxon prose in the first term; and in the second, a study of heroic poetry. The texts used are: Bright, *Anglo-Saxon Reader* and *Beowulf*, ed. Klaeber. The course is open to Third and Fourth year students taking Honours in English or in English combined with another subject. *Third and Fourth year students in other categories must have the instructor's permission to take the course.*

Students who propose to proceed to the M.A. in English should note that, if Course 300 has not been included in their undergraduate work, it must be included in their graduate work.

3 hours. *Mr. Puhvel*

305a. CHAUCER (Half course). A study of *The Canterbury Tales*, their sources and analogues. Robinson's text (the Student's Cambridge Edition of the Complete Works) is used.

First term: 3 hours. *Professor Hemlow*

305b. CHAUCER (Half course). A study of the dream-vision poems and of the Troilus story.

Second term: 3 hours. *Professor Hemlow*

310. MIDDLE ENGLISH (Full course). Studies in Middle English Literature (exclusive of Chaucer). The course is open to students who have taken either Old English or Chaucer. Brandl and Zippel, *Middle English Literature* is used in the first term, *Gawain and the Green Knight* (ed. Tolkien and Gordon) and *The Pearl* (ed. Gordon) in the second.

3 hours. *Mr. Puhvel*

315b. NON-DRAMATIC LITERATURE OF THE FIFTEENTH AND SIXTEENTH CENTURIES (Half course). A survey of non-dramatic literature from Sir Thomas More to Spenser, with special reference to humanistic theories of literature and education, and to the development of poetic techniques.

Second term: 3 hours. *Professor Hemlow*

318a. SIDNEY AND SPENSER (Half course). The Renaissance theory of poetry, and a study of the *Faerie Queene* in relation to its historical, philosophical, ethical, social and literary backgrounds.

First term: 3 hours. *Professor Hemlow*

318b. MILTON (Half course). A study of *Paradise Lost*, *Paradise Regained* and *Samson Agonistes*.

Second term: 3 hours. *Professor Malloch*

320. ENGLISH LITERATURE IN THE SEVENTEENTH CENTURY (Full course).

3 hours. *Professor Malloch*

322a. POETRY OF THE ROMANTIC PERIOD: 1780-1840 (Half course).

First term: 3 hours. *Professor Lucas*

322b. POETRY OF THE VICTORIAN PERIOD: 1840-1890 (Half course).

Second term: 3 hours. *Professor Lucas*

325. ENGLISH DRAMA FROM THE BEGINNINGS TO 1642, EXCLUDING SHAKESPEARE (Full course).

3 hours. *Professor Cecil*

330. ENGLISH DRAMA FROM 1660 TO THE PRESENT (Full course).

3 hours. *Professor Cecil*

(*Not given in 1958-59.*)

331. CONTINENTAL EUROPEAN AND AMERICAN DRAMA FROM IBSEN TO THE PRESENT (Full course).

3 hours. *Mr. Ritchie*

335. THE ENGLISH NOVEL FROM THE BEGINNINGS TO THE PRESENT TIME (Full course). This course includes some reference to foreign work and to related literary types.

3 hours. *Professor Files*

(*Not given in 1958-59.*)

336b. THE SHORT STORY (Half course). The history of the short story in English, with some reference to foreign work and to related literary types. Twentieth-century forms and techniques are emphasized.

Second term: 3 hours. *Professor Beresford-Howe*

340. STUDIES IN LITERATURE SINCE 1900 (Full course). Contemporary authors, English and American, with special emphasis on novelists and dramatists.

3 hours. *Professor Files*

341a. and b. CANADIAN LITERATURE. The development of prose literature and poetry in Canada from the beginnings to the present time.

3 hours. *Professors MacLennan and Dudek*

345. ENGLISH PROSE FROM BACON TO THE PRESENT (Full course). The purpose is to trace the development of English prose expression, to show how the powers of the language have become enlarged as writers have responded to the challenge of new ideas and new inventions in writing techniques. Authors representative of each period are studied in detail and include non-fiction writers, novelists, and biographers.

3 hours. *Professor MacLennan*

355a. THE ART OF POETRY (Half course). A study of poetic forms and techniques. Though the course is intended for students of literature generally, the practising writer will find it useful: students are encouraged to submit work of their own for critical discussion in conference.

First term: 3 hours. *Professor Dudek*

365. POETRY OF THE TWENTIETH CENTURY (Full course). A survey of recent poetry by British and American authors.

Texts: The collected poetry of W. B. Yeats, T. S. Eliot, Robert Frost, Ezra Pound, W. H. Auden, and Dylan Thomas.

3 hours. *Professor Dudek*

370. CROSS-CURRENTS BETWEEN ENGLISH LITERATURE AND THE EUROPEAN LITERATURES IN THE 18TH CENTURY (Full course). This course deals with the influence of continental literature and criticism on the English neo-classicism of the 18th century, and with the influence of English literature and criticism on European writers from the time of Voltaire to the rise of Byronism. It includes reference to the works of French, German and Italian authors. A reading knowledge of French is a prerequisite.

3 hours. *Professor Klima*

380a. BIBLIOGRAPHY (Half course). An introduction to the apparatus and methods of scholarship in literary studies. *Open to Honours students. Others may register only by permission of the Department. Students intending to proceed to the M.A. in English should note that this is a required course for that degree.*

First term: Hours to be arranged. *Professor Malloch*

395. CREATIVE WRITING—ADVANCED COURSE (Full course). Open to a limited number of undergraduate students who appear well qualified for mature creative writing. Application for permission to take this course should be made at the beginning of the session. *Registration is limited.*

Hours to be arranged. *Professor Files*

HONOURS CURRICULUM IN ENGLISH

A student wishing to take full Honours in English must, during his Second Third, and Fourth years, take a total of ten courses approved by the Department. These must include Half Courses 305a or 305b (Chaucer) and 315b (16th Century); and Courses 200 (Shakespeare), 320 (17th Century), 220 (18th Century), 230 (19th Century) for which Half Courses 322a and 322b may be substituted, and 340 (20th Century). The remaining four of the ten courses are to be elected from those approved as Honours Courses by the Department, and may include Cognate Courses as in the list given below. It should be noted that English 240, 330 and 335, though not given in 1958-59 will be given in 1959-60.

The normal procedure is that the student takes English 200 and English 230 in his Second year and four courses in each of his Third and Fourth years.

HONOURS IN ENGLISH COMBINED WITH ANOTHER SUBJECT

Students may take Honours in English combined with any one of the following subjects: French, German, Greek, History, Latin, Philosophy. The requirements for each of these combinations are as follows:

Joint Honours in English and French

1st year: English 100; French 11 or 13; three other courses.

2nd year: English 200 and 230; French 21 (or 23) and 22; one other course.

3rd year: English 320 with French 31, *or* English 220 with French 32; English 335 with French 45, *or* English 340 (or 365) with French 47, *or* English 305a (or 305b) with French 44; History 6 or Linguistics 21.

4th year: English 305a (or 305b) with French 44; English 318b; French 41 and 48; another course to be selected in consultation with the Departments, preferably History 10, Philosophy 6, or Art 301.

Joint Honours in English and German

1st year: English 100; German 1 (or its equivalent); three other courses.

2nd year: English 200; two German courses chosen from 5, 7 and 8; two other courses to be selected in consultation with the Departments.

3rd year: English 320 (or 220), 322a and 322b; two German courses chosen from 8, 9 and 10.

4th year: Two English courses chosen from 325, 330 and 331; two German courses chosen from 10, 12 (half-course), 13 and 14 (half-course).

Joint Honours in English and Greek

1st year: English 100; Greek 1; three other courses.

2nd year: English 200 and 230; Greek 221 and 222; one other course to be selected in consultation with the Departments.

3rd year: English 305b, 315b, and 318b; Greek 331 and 332.

4th year: English 320 (or 220); Greek 441; *either* English 325 (or 330) *or* English 318a and Greek 442.

Joint Honours in English and History

1st year: English 100; History 100; three other courses.

2nd year: English 200 and 230; History 210 and 200 (or 205); another course to be selected in consultation with the Departments.

3rd year: English 220 and 320; History 326 and a special subject in the field of English History.

4th year: English 305a, 305b (or 322a), 315b and 318b; History 310 (or 400) and a special subject continued from the 3rd year.

Joint Honours in English and Latin

1st year: English 100; Latin 1, or Latin 100; three other courses.

2nd year: English 200 and 230; two Latin courses chosen from 221, 222 and 223; one other course to be selected in consultation with the Departments.

3rd year: English 305b, 315b and 318b; Latin 331 and 332.

4th year: English 320 (or 220) and 325 (or 330); Latin 441 and 442.

Joint Honours in English and Philosophy

1st year: English 100; four other courses.

2nd year: English 200 and 220 (or 230); Philosophy 200 (if special field is Systematic Philosophy) or 300 (if special field is Ethics); another course to be selected in consultation with the Departments.

3rd year: Two full courses chosen from English 220, 315b, 318a and 320; Philosophy 350 and 360.

4th year: English 305a and 305b with Philosophy 370, *or* English 340 (or 365) with Philosophy 320; Philosophy 410 (if special field is Systematic Philosophy) or 400 (if special field is Ethics.)

COGNATE COURSES

Certain courses offered by other Departments will be accepted as electives for the English Honours degree. The attention of students is called to the following examples of recommended courses: Classics 200, Linguistics 221, German 6, Italian 25a, b and Philosophy 320.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

FINE ARTS

Associate Professor WINTHROP JUDKINS, *Chairman*
Assistant Professor GUY VIAU

161. FUNDAMENTALS IN DRAWING AND PAINTING (Full course). An introduction to the language of form and color. Sketching and painting from life, still-life, and imagination. Elementary design projects in various media. May be taken in any year as an elective subject.

6 hours. *Professor Viau*

Note: *Except by special consent of the instructor, supplemental examinations will not be given in this course.*

201. INTRODUCTION TO ART. May be taken in Second, Third, or Fourth year (Full course). The aim of this course is to develop the student's understanding and perception of the work of art as a visual medium of expression; and to observe and analyze the sequential development underlying the history of art and its principal epochs up to the present time.

Lecture course supplemented by discussions, written reports, and assigned reading.

3 hours. *Professor Judkins*

301. MODERN ART. Third and Fourth years (Full course). The modern movement in painting, sculpture, and architecture (with its attendant applied arts): its emergence (from about 1850), problems, character, and place in the continuity of art history.

The work will be conducted through lectures, discussions, reading, and reports.

3 hours. *Professor Judkins*

Prerequisite: Fine Arts 201.

321. EUROPEAN PAINTING OF THE RENAISSANCE. Third and Fourth years (Full course). The historical development of the Italian schools of painting, under the impact of Medieval Christianity and Classical

Humanism, from the beginning of the 14th century through the High Renaissance. The independent emergence of Flemish painting in the 15th century, and the growth of 15th and 16th century German painting and graphic art.

3 hours. *Professor* ———

331. EUROPEAN PAINTING OF THE 17TH, 18TH, AND 19TH CENTURIES. Third and Fourth years (Full course). The widespread flowering of the Baroque or "painterly" style in the 17th century, particularly in Holland, Belgium, and Spain; its modifications in 18th century Italy, France, and England; and its various manifestations in the 19th century schools of England and France, culminating in Impressionism.

3 hours. *Professor* ———

401a. VENETIAN PAINTING OF THE RENAISSANCE. Third or Fourth year (Half course). A study of the Venetian school of painting from its late beginings through the sixteenth century, including influences from the East and particularly from the North. Emphasis will be placed upon the greater names in the school, and attention given to its technical contribution to the Western tradition as well as its role in the development of the Baroque style.

3 hours. *Professor Judkins*

Prerequisite: Fine Arts 201.

401b. HISTORY OF ART. Third or Fourth year (Half course).

3 hours. *Professor Judkins*

Prerequisite: Fine Arts 201.

FINE ARTS AS A CONTINUATION SUBJECT

For the purposes of Continuation, any one of the advanced courses may be taken in each of the Third and Fourth years, following the introductory historical course (201) in the Second year.

GENETICS

In Montreal

Professor	J. W. BOYES, *Chairman*
Associate Professor	F. C. FRASER
Assistant Professors	E. R. BOOTHROYD
	G. I. PAUL
Assistant Professor and Research Fellow	J. D. METRAKOS
Research Fellow	K. METRAKOS

At Macdonald College

Assistant Professors	W. F. GRANT
	R. I. BRAWN

21. INTRODUCTION TO GENETICS, HUMAN HEREDITY AND EVOLUTION (Full course). This course is designed to provide a working knowledge of the Mendelian laws, linkage, sex determination, sex-linkage, the origin and nature of hereditary variations, and other basic concepts. Selected problems introduce the practical applications of these concepts and the laboratory work provides experience with experimental materials and methods. Human heredity is considered with particular reference to disease, mental conditions, and eugenics. An introduction to the theory of evolution in the light of genetic principles is presented.

First term: 2 hours and a 3-hour laboratory period. *Professor Boyes*

Second term: 3 hours.

Prerequisites: Biology 100.

Text: Srb and Owen, General Genetics.

32a. CYTOLOGY (Half course). The nature and organization of the protoplasm in animal and plant cells are outlined in relation to function. Such subjects as the physical and chemical properties of protoplasm, cytoplasmic inclusions, the organization of the nucleus and its behaviour in mitosis and meiosis, chromosome morphology and movement, etc. are discussed. Laboratory work is designed to give experience in the interpretation of the structure and dynamic processes of the protoplast.

First term: 2 hours and a 3-hour laboratory period. *Professor Boothroyd*

Prerequisite: Genetics 21a or 21.

Texts: De Robertis, Nowinski and Saez, General Cytology, 2nd ed.

32b. CYTOLOGICAL TECHNIQUE (Half course). The student is instructed in the preparation of microscope slides of plant and animal material for the study of the component parts of the protoplast, especially the nucleus. Various fixatives, stains and techniques are used to bring out the details of structure which cannot readily be seen in living material.

Second term: 6 hours laboratory. *Professor Boothroyd*

Prerequisite: Genetics 32a unless special permission is obtained from the instructor.

36b. DEVELOPMENTAL GENETICS (Half course). A consideration of the scientific method as it is used in studying how the gene works in controlling development.

Second term: 3 hours. *Professor Fraser*

Prerequisite: Genetics 21a or 21. Some knowledge of embryology is desirable.

42b. MICROBIAL GENETICS (Half course). An analysis of recent progress in the genetics of micro-organisms such as viruses, bacteria, yeasts, paramecia, algae, fungi, etc.

Second term: 3 hours. *Professor Grant*

Prerequisite: Genetics 21. *Third year students may take this course only if they are concurrently taking Genetics 32a and 36b.*

Texts: Braun, Bacterial Genetics; Beale, Genetics of *Paramecium aurelia.*

(*Given in 1958-59.*)

43b. ADVANCED CYTOGENETICS (Half course). Consideration of linkage, self-fertilization, polyploidy, interspecific hybridization, irradiation effects, etc.

Second term: 3 hours. *Professors Boyes and Boothroyd*

Prerequisites: Genetics 21a or 21 and 32a.

(*Not given in 1958-59.*)

44. BIOMETRY (Full course). Elementary statistics and their application to problems in Biology.

2 hours and 3 hours of computation to be arranged. *Professor Paul*

Prerequisites: A university course in one of the Biological sciences and Mathematics 111, or the equivalent.

45a. GENETIC INTERPRETATION OF THE MECHANICS OF EVOLUTION (Half course). A careful analysis of evolution at three levels of progress: (1) the origin of hereditary variations through mutations, rearrangements of the genic materials within the chromosomes, polyploidy, etc.; (2) the action of selection, migration, isolation, etc. on the genetic structure of populations; and (3) the fixation of diversity through the origin and operation of mechanisms which prevent the breakdown of discontinuous variability.

First term: 3 hours. *Professor Boyes*

Prerequisites: Genetics 21a or 21 and 32a which may be taken concurrently.

Text: Dobzhansky, Genetics and the Origin of Species, 34d. ed.

(*Given in 1958-59.*)

45b. POPULATION GENETICS (Half course). The rules governing the establishment of genetic equilibrium and the application of these rules to the study of evolution.

Second term: 3 hours. *Professor Paul*

Prerequisite: Genetics 45a.

(*Given in 1958-59.*)

46a. THE GENETICS OF MAN (Half course). Principles of heredity and special techniques as applied to the study of man's genetic diversity will be considered at an advanced level.

First term: 3 hours. *Dr. Metrakos*

Prerequisite: Genetics 21. *Third year students may take this course only if they are concurrently taking Genetics 32a and 36b.*

(*Given in 1958-59.*)

47a or 47b. SPECIAL TOPICS (Half course). This course is for advanced students of high standing who wish to read extensively in a particular field or undertake a minor research problem in Genetics or Cytology. *The Staff*

48a. DESIGN OF EXPERIMENTS (Half course). General principles of experimentation, and designs appropriate to a wide variety of problems. Completely randomized, randomized blocks and Latin square designs: their purposes, design and analysis. Factorial experimentation, interaction, confounding, randomization and error terms. Complex experiments and an elementary treatment of incomplete block designs. Concomitant measurements, sensitivity and control of error variation. Examples drawn from biology.

First term: 2 hours and 3 hours laboratory (arranged). *Professor Paul*

Prerequisite: Genetics 44 or the equivalent.

Text: Fisher: The Design of Experiments (Oliver and Boyd).

(*Not given in 1958-59.*)

HONOURS COURSES

The Honours Courses in Genetics are designed to give students a good general knowledge of Biology, plus sufficient Genetics to qualify as a research assistant in Genetics or Cytology and for Graduate Studies in these fields. Students having at least second class standing may, with the approval of the Department, enter the Honours Course in their Second or Third year. Three alternative programmes are offered, one with emphasis on Botany one with emphasis on Zoology, and one with emphasis on Biochemistry and Bacteriology.

First year: The general B.Sc. curriculum, including at least one half-course in Botany or Zoology or Biology 100.

Second year: Botany 11b, Chemistry 22, Genetics 21, Zoology 211, one half-course Arts option. Also, *Botany interest students* will take Botany 21, and *Zoology interest students* will take Zoology 221.

All students should complete Biology 100 and Zoology 211 (or Botany 11 and Zoology 11), or the equivalent, by the end of this year.

Third year: Genetics 32a, 32b and 36b. *Botany interest students* will also take Botany 22a and 31; Zoology 221; Genetics 43b (if given) plus a half-course Arts option, *or*, a full-course Arts option when Genetics 43b is not given. *Zoology interest students* will take (in addition to Genetics 32a, 32b and 36) Botany 21, Physiology 22, Zoology 322a and 322b, and a half course Arts option.

Fourth year: Genetics 44, 45a, 43b or 45b, a full-course Arts option. *Botany interest students* will take, in addition, Botany 32 and Physiology 22. *Zoology interest students* will take, in addition, Zoology 324 or 325 and Biochemistry 31.

Students may transfer from General Honours in Biological Sciences at the beginning of the Third year. Such transfer students electing the Botany interest will substitute Physiology 22 for Zoology 221 and add Biochemistry 31 in the Fourth year. Such transfer students electing the Zoology interest will take a full-course Arts option in the Third year plus either Genetics 43b (when given) *or* an additional half course in Zoology.

An alternate Honours Course in Genetics has been approved for students interested in Biochemistry and Bacteriology.

First year: The general B.Sc. curriculum, including a half-course in both Botany and Zoology or Biology 100.

Second year: One half-course Arts option, Botany 11b, Chemistry 22, Genetics 21, Physiology 22 and Zoology 211.

Third year: A half-course Arts option, Bacteriology 31, Biochemistry 31, Genetics 32a, 36b, 42b or 46a, Zoology 322a and 322b.

Fourth year: One full-course in Bacteriology, Biochemistry 45, Botany 23a, Genetics 44, 45a, 45b or 43b, 42b or 46a.

Students of satisfactory standing, and having most of the courses required for the first two years, may be admitted at the beginning of the Third year if there is reasonable prospect that they can complete the requirements for the Honours Course in Genetics by the end of the Fourth year.

CONTINUATION COURSES

Second year: Genetics 21.

Third year: Genetics 32a, 32b, 36b.

Fourth year: Genetics 42b to 47b inclusive, except Genetics 44.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

GEOGRAPHY

Professor	F. K. Hare, *Chairman*
Associate Professors	J. Brian Bird Svenn Orvig
Assistant Professors	R. Norman Drummond Theo L. Hills J. D. Ives William F. Summers
Lecturer	George H. Michie
Honorary Lecturer	George Jacobsen

FIRST YEAR

121. THE ELEMENTS OF PHYSICAL GEOGRAPHY (Full course). Scientific study of man's habitat. The course is divided into two main parts:

A. The origin and world distribution of landforms developed under different climates. Major earth resources: water, soils, and minerals.

B. Climate and weather; physical processes and properties of atmosphere. The principal climatic belts of the world. Significance of climate as a factor influencing human settlement.

3 hours. *Professors Bird and Hare*

(In Science Division) *No prerequisite.*

LATER YEARS

N.B. *The first digit of each course number shows the academic year for which the course is mainly designed. Students in other years may register for any course provided (i) that they have the prerequisites, and (ii) that general registration requirements are fulfilled.*

211. INTRODUCTION TO HUMAN GEOGRAPHY (Full course). The relation of early man to the environment; the beginnings of agricultural and pastoral economies. The major physical zones of the earth, the varieties of human society typical of each, and the place of each zone in world trade and food production.

3 hours. *Professor Hills*

(In Arts Division) *No prerequisite.*

221. PRACTICAL GEOGRAPHY (Full course). The construction and properties of common map projections. The analysis of topographic maps and aerial photographs. Reconstruction of cultural landscape from cartographic evidence. Special purpose maps: e g., land use, commodity, population, etc.; their construction and interpretation.

1 hour and laboratory periods. *Professor Summers*

(Science Division) *No prerequisite.*

This course may be taken with a Geography continuation program in either the Arts or Science Division. Otherwise it must be considered to be in the Science Division.

231. THE PRINCIPLES OF REGIONAL PHYSICAL GEOGRAPHY (Full course). The evolution of the landscapes of the earth. A systematic comparison of the physical environments of different regions of the world. An introduction to pedology, hydrology and physical oceanography.

3 hours. *Professor Bird*

(In Science Division) *For Honours and Continuation students in Geography and Geology only.*

311. NORTH AMERICA (Full course). Canada and the United States are divided into a small number of natural regions. In each region the physical environment as a background to man's development is first studied. Then in turn, occupation by Indian and European peoples is discussed, leading up to an examination of the present cultural landscape. The part played by the region in the life of the country and some of its problems are analysed.

3 hours. *Mr. Michie*

(In Arts Division) *Prerequisite: One* of Geography 121 or 211 or 231.

314. THE HUMID TROPICS (Full course). A comparative regional study of the humid tropical environment with special emphasis on Latin America and the Caribbean. A study of indigenous economies; expansion of mid-latitude nations and colonialism. Present day problems of overpopulation and underdevelopment. Agricultural and industrial potentialities.

3 hours. *Professor Hills*

(In Arts Division) *Prerequisite:* Geography 211.

315. EUROPE (Full course). Europe as Eurasia's peninsula; its physical geography. Physical and cultural aspects of the population, and the influence of migrations on distribution. Land use, farming, and rural settlement types. Urban settlement, including mining and industrial development. Differentiation of Europe into East and West; nations and states and their competition.

3 hours. *Mr. Michie*

(In Arts Division) *Prerequisite: One* of Geography 121 or 211.

319. THE SOVIET UNION (Full course). Position, relief, and structure; general physical characteristics, including climate, soil, vegetation, and physiography. Ethnic groups. Correlation between population distribution and physical geography. Migration and settlement. The territorial development of Russia. Land use, agriculture, mining, and other industries. Recent developments and social significance of Soviet economic life. Urbanization. The administrative structure of the Soviet State.

3 hours.

(In Arts Division) *Prerequisite: One* of Geography 121 or 211.

(*Not given in 1958-59.*)

321. MAP INTERPRETATION AND CARTOGRAPHY (Full course). A study in analysis and interpretation of topographic maps and aerial photographs. Elementary photogrammetry.

1 hour and laboratory periods. *Professor Drummond*

(In Science Division) *Prerequisite:* Geography 121 or 211 or 231 or Geology 121.

411a. THE GEOGRAPHY OF INDUSTRY (Half course). The influence of geographical factors on economic activity. A survey of the energy sources available to man; the demands made upon these resources in the past. The location of heavy industry, especially the steel industry in North America. A survey of industrial regions, with special reference to North America.

First term: 3 hours. *Professor Hills*

(In Arts Division) *Prerequisite: One* of Geography 121 or 211 or Geology 121.

411b. THE GEOGRAPHY OF AGRICULTURE (Half course). A study of world agricultural resources. The origins and development of modern agriculture. Crops and agricultural practices in the major agricultural regions of the world, with special attention to the underdeveloped areas. The role of the forests and marine resources in the subsistence economies.

Second term: 3 hours. *Professor Hills*

(In Arts Division) *Prerequisite: One* of Geography 121 or 211 or 411a.

413. HISTORICAL GEOGRAPHY (Full course). Relations among man, habitat, and economy in early, medieval, and modern times. Reconstructing the geographical *milieu* of past cultures. Climate and civilization.

3 hours. *Professor Hare*

(In Arts Division) *Prerequisite:* Geography 211.

414a. ELEMENTARY METEOROLOGY (Half course). Physical properties of the atmosphere. Radiation and the energy balance; causes of circulation. The formation of clouds and precipitation. Winds and pressure. The frontal and airmass theories. Use of instruments. The World Meteorological Organization and its work.
First term: 3 hours. *Professor Hare*

(In Science Division) *Prerequisite:* Geography 121 or 231 or Geology 121. Open to any other science student with written approval of Instructor.

414b. WORLD CLIMATES (Half course). Scope of climatology. The great climatic zones and the general circulation of the atmosphere. Climatic classification: the methods of Köppen and Thornthwaite. Climate and life: influence of atmosphere on plants, animals, and man. Climate and hydrology: the moisture cycle. Climatic change.
Second term: 3 hours. *Professor Orvig*

(In Science Division) *Prerequisite:* Geography 121 or 231 or Geology 121 or Botany 11.

415a. GENERAL POLITICAL GEOGRAPHY (Half course). Political geography defined. Historical development of views about the relations between environment and nation. The concept of the nation and the geographical approach to the problems of the development and conflict of nations. Interrelations between demographic, economic, and political factors.
First term: 3 hours. *Mr. Michie*

(In Arts Division) *Prerequisite:* Geography 211.

415b. POLITICAL GEOGRAPHY OF EUROPE AND ASIA (Half course). Colonial powers and their activities. The changing political map of the world. Geographical approach to some modern national problems. Mackinder's concepts of the Heartland and of the peripheral areas. Continental "core" and maritime outer zone. Geographical aspects of the present division of the world between the West and the communist-held areas.
Second term: 3 hours. *Mr. Michie*

(In Arts Division) *Prerequisite:* Geography 211.

416. THE CONSERVATION OF NATURAL RESOURCES (Full course). The rôle of man as an ecological dominant is stressed. A survey is made of the evidence from the field of natural science supporting this view of man. The conservation movement is studied in terms of its development, justification, objectives, and methods.
3 hours. *Professor Summers*

(In Science Division) *Prerequisite:* Geography 231, or permission of instructor.

417a. THE HISTORY OF GEOGRAPHIC THOUGHT (Half course). The content of geography is traced from the ancient to the modern world. Particular emphasis is given to the development of geographic thought during the nineteenth and twentieth centuries. Reading assignments are made from the original literature.

First term: 3 hours.

(In Arts Division) For Honours students only.

(*Not given in 1958-59.*)

421. THE TECHNIQUE OF REGIONAL STUDIES (Full course). The idea of regional survey. Surveys of land use. Classification of land types. Study of existing regional surveys and projects: the Land Utilization Survey of Britain. The Tennessee Valley Authority, and other North American projects, A regional study will be made of a selected area in Canada.

3 hours. *Professor Summers*

(In Science Division) *Prerequisite:* Geography 221 or 321 *and* 121 or Geology 121.

HONOURS COURSES

First year students intending to take Honours in Geography should consult the Department before end of session. Honours students will be required to make their selection of Second, Third, and Fourth year courses from the following list. In addition, all Honours students entering their Third or final year are required to participate in the annual field trip held early in the fall.

B.Sc. Students

Second year: Geography 121 or 231, 211, 221, 311, Biology 100 (Botany half only), and Botany 11b.

Third year: Geography 231, 321, 414a and 414b, and one of 314, 315, 319; one course in Geology, and one other course in Botany, Geology, Zoology, Mathematics or Physics.

Fourth year: Geography 416, 417a, 421; one of 314, 315, 319; one of 411a and 411b, 413, 415a and 415b; one approved course outside the department.

JOINT HONOURS IN GEOGRAPHY AND BOTANY: See under Department of Botany.

B.A. Students

Second year: Geography 121 or 231, 211, 221, 311; any one course in History, Anthropology, Economics, Political Science or a modern language.

Third year: Geography 321, 415a and 415b, 411a; one of 314, 315, 319; one other course to be selected by the student.

Fourth year: Geography 411b, 413, 416, 417a, 421; one of 314, 315, 319.

N.B.—The order in which the above courses are taken may be changed if timetable conflicts arise. Students with special qualifications may also be recommended to follow a slightly different programme.

JOINT HONOURS IN GEOGRAPHY AND HISTORY

First year:
Geography 121.
History 100.
Three other courses as required by Faculty.

Second year:
Geography 211 (Human).
Geography 221 (Practical).
History 205 (Colonial Expansion).
Either History 200 (Mediaeval Life and Institutions)
or History 210 (Great Britain).
One other course as required by Faculty.

Third year:
Geography 311 (North America).
History 305 (Canada).
One of: Geography 314 (Humid Tropics).
Geography 315 (Europe).
Geography 319 (Soviet Union).
One of: An appropriate Special Subject in History.
History 310 (British Industrial Democracy), if combined with Geography 313b and 314a.
History 315a (Slavs and Habsburgs) and 315b (E. Europe), if combined with either Geography 315 or 319.

Fourth year:
Geography 413 (Historical).
Geography 415a (Political).
Geography 415b (Europe and Asia).
History 405 (Economic, U.S. and Canada).
One of: The Special Subject in History continued from Third year.
History 420 (Modern Europe).

CONTINUATION COURSES

For B.A. students taking continuation in Geography:

Second year: Geography 211, 221.

Third year: Geography 311, 411a and b.

Fourth year: Geography 413, 415a and b, 314, 315, 319.

For B.Sc. students taking continuation in Geography:

Second year: Geography 231, 221.

Third year: Geography 321, 414a and b.

Fourth year: Geography 416, 421.

Students taking Geography as a continuation subject are advised to consult the Departmental Chairman before completing registration.

GEOLOGICAL SCIENCES

Professors	T. H. CLARK, *Chairman*
	J. E. GILL
	E. H. KRANCK
Associate Professors	J. S. STEVENSON
Assistant Professors	J. A. ELSON
	V. A. SAULL
	C. W. STEARN
Lecturer	H. DEHN
Research Associates	G. R. WEBBER
	M. J. RICKARD
Demonstrators	

121. GENERAL GEOLOGY (Fac. Eng. 1142) (Full course). First or Second year. The Earth and the Solar System. Its composition by minerals and rocks. Erosive forces (weather, wind, rivers, waves, etc.) modifying its surface, and deformative factors (temperature, compression, etc.), affecting its subsurface structure are thoroughly treated. The origin and historical development of the earth and of living things are briefly considered. The economic aspects of all phases of the subject are treated throughout the course.

2 hours lectures and 2 hours laboratory, sections to be announced at first meeting; four half-day excursions during October.

Professors Clark and Stearn

Text: Longwell and Knopf, Introduction to Physical Geology (Wiley 1955).

Reference books: Agar, Flint, and Longwell, Geology from Original Sources (Holt, 1929); Holmes. A., Principles of Physical Geology (Ronald Press, 1945); Gilluly, Waters, and Woodford, Principles of Geology (Freeman, 1951); Leet and Judson, Physical Geology (Prentice-Hall, 1954).

221. MINERALOGY (Fac. Eng. 1144). Second year (Full course). Lectures: crystallography; physical properties and chemical composition of minerals, the more important ore minerals, industrial minerals, rock-forming minerals, uses and sources of supply of economic minerals. Laboratory: study of crystal models and crystals; methods for the determination of the constituents of minerals by blowpipe analyses and by related chemical tests, application of these plus physical characters in the identification of minerals.

2 lectures, 3 hours laboratory per week, session. *Professor Stevenson*

Text: Hurlbut, Dana's Manual of Mineralogy (Wiley, 1952).

231c. FIELD GEOLOGY (Fac. Eng. 1165). Second or Third year (Half course). Surface and underground geological field survey methods. Preparation of geological maps, sections, models, and reports from field notes, diagrams, aerial photographs, etc.

Two-week field school in May. *Professor*

Prerequisites: Surveying 324, 352, 761, Geology 232b. Students intending to take this course must first satisfy the instructor as to their fitness.

References: Lahee, Field Geology, 5th ed. (McGraw-Hill); McKinstry, Mining Geology (Prentice-Hall, 1948).

232b. STRUCTURAL GEOLOGY (Fac. Eng. 1166). Second or Third year (Half course). A systematic survey of rock structures, their origins and practical importance. Laboratory period will be devoted to practical problems.

Second term: 2 lectures and 1 laboratory period. *Professor Riddell*

Prerequisites: Geology 121, 221.

Text: Billings, Structural Geology, 2nd ed. (Prentice Hall).

331a. OPTICAL MINERALOGY. Third or Fourth year (Half course). A study of the optical properties of non-opaque minerals. The laboratory course gives practice in the determinations of these properties, using the polarizing microscope, oriented sections of minerals, and stressing oil-immersion techniques.

First term: 2 lectures, 3 hours laboratory. *Professor Stevenson*

Prerequisites: Geology 221.

References: Larsen and Berman, Microscopic Determination of Nonopaque Minerals, 1934 (Bull. 848, U.S. Geol. Surv.); Wahlstrom, Optical Crystallography, 1951 (Wiley); Winchell, Elements of Optical Mineralogy, Part I, 1937 (Wiley); Ford, Dana's Textbook of Mineralogy (Wiley 1932).

332a. PETROLOGY (Fac. Eng. 1164). Third year (Half course). The common igneous, sedimentary, and metamorphic rocks are described and their modes of occurrence discussed. In the laboratory, the student learns to identify such rocks by methods used in the field.

First term: 2 lectures and 1 laboratory period. *Professor Kranck*

Prerequisites: Geology 121, 221.

Text: G. W. Tyrrell, The Principles of Petrology, 1949.

333b. PETROGRAPHY (Fac. Eng. 1168). Third year (Half course). The examination and identification of rock minerals and rocks by means of the petrographic microscope.

Second term: 2 lectures and 1 laboratory period. *Professor Kranck*

Prerequisite: Geology 332a.

Texts: Rogers and Kerr, Optical Mineralogy; E. E. Wahlstrom, Petrographic Mineralogy, 1955; Williams, Turner, Gilbert, Petrography, 1954.

341b. PALEONTOLOGY. Fourth year (Half course). The development of ideas concerning the origin of fossils. Kinds of fossils. Collecting, preparation, and naming of fossils. Brief survey of systematic paleontology, following the standard biological classification, with emphasis on fossil animals. The stratigraphic and economic importance of paleontology. The influence of paleontology upon the doctrine of evolution.

Second term: 2 lectures, 1 laboratory period, and one day's field work in April. *Professor Clark*

Prerequisites: Geology 121, or Zoology 211.

Text: To be announced.

342a. GEOMORPHOLOGY. Third or Fourth year (Half course). A study of the surface features of the earth and the processes involved in their origin and modification. Weathering and erosional processes and erosional and depositional landforms produced by water, wind, and glaciers. Problems such as erosion surfaces, cross-axial streams and interpretation of rock structure are emphasized. Maps and photographs provide illustrations.

First term: 2 lectures and 1 laboratory period. *Professor Elson*

Prerequisite: Geology 121.

Text: Thornbury, Principles of Geomorphology, 1954.

343a. STRATIGRAPHY. Third or Fourth year (Half course). The principles of sedimentation. Weathering; sources and origin of sedimentary rocks; significance of their textures and structures. The structural relationship of strata; areal distribution of sedimentary rocks. Reference is made throughout the course to matters of economic importance.

First term; 2 lectures, 2 hours laboratory, and 2 full days of field work during October. *Professor Clark*

Prerequisites: Geology 121, 221.

Texts: Twenhofel, Principles of Sedimentation, 2nd ed.; Pettijohn, Sedimentary Rocks, 2nd ed.

344b. MINERALOGRAPHY. Fourth year (Half course). Identification of ore minerals in polished sections by means of the reflecting microscope; interpretation of their textural relationships and paragenesis.

Second term: 2 lectures, 3 hours laboratory. *Professor Stevenson*

Prerequisites: Geology 331a or permission of instructor.

Texts: Short, Microscopic Determination of the Ore Minerals (U.S Geological Survey Bulletin 914, 1940); Uytenbogaard, Tables for Identification of Ore Minerals, 1951 (Princeton University Press).

345b. CORRELATION. Third or Fourth year (Half course). Stratigraphic terminology. Correlation by lithological means: facies changes, subsurface geophysical methods, etc. Correlation by fossils, micropaleontologic methods, facies faunas, paleontologic limitations. Paleogeography and paleogeology. Throughout the course special consideration will be given to correlation as developed by the petroleum geologist.

Second term: 2 lectures, 2 hours laboratory, and 2 days' field work during April or May. *Professor Stearn*

Prerequisites: Geology 343a.

Text: Krumbein and Sloss, Stratigraphy and Sedimentation, 1951 (Freeman).

346b. ENGINEERING GEOLOGY. Third or Fourth year (half course). The practical application of geology to civil engineering problems. The exploitation and control of ground water, geology of dam and building sites, and sources of construction materials. Reference is made to such problems as landslides, shore-line erosion and river improvement and control.

Second term: 2 lectures and reading assignments. *Professor Elson*

Prerequisite: Geology 121.

Text: Krynine and Judd, Principles of Engineering Geology and Geotechnics (McGraw Hill).

441. ORE DEPOSITS (Fac. Eng. 1182). Fourth year (Full course). Nature, origin, mode of occurrence, and classification of deposits of metallic and of important non-metallic minerals; typical occurrences; geographical distribution.

2 lectures and 1 laboratory period per week. *Professor Gill*

Prerequisites: Geology 231c, 232b, 332a.

Text: Bateman, Economic Mineral Deposits (Wiley, 1950).

443b. EARTH PHYSICS (Half course). Physical properties of the earth, and the processes associated with its existence, as inferred from astronomy, geodesy, seismology, geology, meteorology, terrestrial magnetic and thermal effects, geochemistry, etc. Hypotheses and theories based upon or explaining the above. Critical evaluation of these hypotheses and theories.

Second term: 3 lectures per week, one of which may be replaced by a conference. *Professor Saull*

Prerequisites: Physics 47a, or permission of instructor.

444. GEOLOGY OF NORTH AMERICA (Fac.Eng. 1180). The geological history, geomorphology, and mineral resources of the natural divisions of North America are described. In the laboratory the evolution of life through the ages and geological maps of North America are studied.

2 lectures and one 2-hour laboratory period per week, session.

Professors Elson and Stearn

Prerequisites: Geology 231c, 232b, 332a.

Texts: Dubar, Historical Geology (Wiley, 1949); Geology and Economic Minerals of Canada, 4th ed. (Geological Survey of Canada, 1957).

HONOURS COURSE IN GEOLOGY

Students intending to take Honours in Geology should discuss the matter with Professor Clark before registering in the Second year.

Prerequisite: At least a good second class standing in Chemistry 11, Physics 11 and Mathematics 111.

Second year: Geology 121 (General Geology), 221 (Mineralogy), Chemistry 24 (Physical), Mathematics 224 (Calculus), Physics 23 (Electricity and Magnetism), Engineering 324 (Surveying), Engineering 352 (Surveying Field School—2 weeks).

Third year: Geology 231c (Field Geology), 232b (Structural), 331a (Optical Mineralogy), 332a (Petrology), 333b (Petrography), 342a (Geomorphology), 346b (Engineering Geology), Chemistry 27 (half course) (Qualitative

Analysis), 73 (half course) (Quantitative Analysis), Engineering 761 (Mine Surveying), and one Arts course.

Fourth year: Geology 341b (Paleontology) or 344b (Mineralography), 343a (Stratigraphy), 345b (Correlation), 441 (Ore Deposits), 443b (Earth Physics), 444 (Geology of North America), Physics 47a (Applied Geophysics), one Arts course.

Summer Work (in addition to Surveying Field School).

Two seasons' work on approved Geological or Geophysical field parties.

If Geology 121 is taken in the First year, Engineering 324 and 352 should also be taken in that year. Advanced courses may be taken in subsequent years as advised.

HONOURS COURSE IN GEOLOGY AND PHYSICS (GEOPHYSICS)

First year: Geology 121 (General Geology); Physics 22 (Heat, Light, Sound)—if possible rather than Physics 11; Mathematics 113 (Adv. Trig., Algebra)—if possible rather than Mathematics 111; Chemistry 11 (General Chemistry); English 100 (English Literature) plus 100C (English Comp.); Surveying 324 and 352—*5½ courses in all.*

Second year: Geology 221 (Mineralogy); Geology 231c (Field Geology); Geology 232b (Structural Geology); Physics 23 (Electricity and Magnetism); Physics 24 (half course) (Dynamics); Physics 25 (half course) (Statics and Hydrostatics); Mathematics 225 (Calculus); Chemistry 24 (Physical); Surveying 761—*6½ courses in all.*

Third year: Geology 331a (Optical Mineralogy); Geology 332a (Petrology); Geology 333b (Petrography); Geology 343a (Stratigraphy); Physics 31a (Statics, Dynamics); Physics 32 (half course) (Properties of Matter); Physics 33 (half course) (Electronics); Physics 36 (Advanced Light); Physics 47a (Applied Geophysics); Mathematics 334 (Differential Equations)—*6 courses in all.*

Fourth year: Geology 345b (Correlation); Geology 441 (Ore Deposits); Geology 443b (Earth Physics); Geology 444 (Geology of North America); Physics 43a (Atomic Physics); Physics 44b (Radioactivity); Physics 48 (Electrical Measurements); Mathematics 333 (Advanced Calculus)—*6 courses in all.*

Summer work (in addition to Surveying Field School):

Two seasons' work on approved Geological Field Parties and one season's work on a Geophysical Field Party to be undertaken following the First, Second, and Third years.

CONTINUATION COURSES

Second year: Geology 121, or 221.

Third year: Geology 221 to 444.

Fourth year: Geology 221 to 444.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

GERMAN AND RUSSIAN

Professor H. S. Reiss

Assistant Professor Bertha Meyer

Lecturers V. R. Block
V. Litwinowicz

German Section

FIRST YEAR

1. German language (Full course). Beginners' B.A. Course.

3 hours. *Professor Meyer and Mr. Block*

Texts: Curts, Basic German (Third Edition; Prentice-Hall); Meyer, In der Stadt (Houghton Mifflin).

1X. Introduction to German literature and thought in English (Optional course for students of German 1 and any other students by special permission. It does not constitute a half course nor will there be an examination.)

1 hour.

SECOND YEAR

Note: Students who intend to proceed to Course 3 from German 1 must have obtained a high Second Class and are required to read during the summer the following: Kästner, Emil und die Detektive (Holt). Those who intend to proceed to Course 4 from German 1 must have obtained a First Class and are required to study during the summer the following texts: Kästner, Emil und die Detektive (Holt); Storm, Immensee.

2. GERMAN LANGUAGE (Full course).

3 hours *Professor Meyer and Mr. Block*

Prerequisite: German 1 or Matriculation in German, or their equivalent.

Texts: Röseler, German in Review (revised edition) (Holt); Kästner, Emil und die Detektive (Holt).

Private Reading: Genialische Jugend (Houghton Mifflin); Goedsche-Glaettli, Thomas Mann (Am. Book Co.).

3. GERMAN LANGUAGE (Full course).

3 hours. *Professors Meyer and Reiss*

Prerequisite: German 1 or 2.

Texts: L. J. Russon, Complete German Course for First Examinations (Longmans, Green); Schiller, Wilhelm Tell (Holt).

Private Reading: Storm, Immensee; Schnitzler, Der blinde Geronimo und sein Bruder (Heath).

4. GERMAN LANGUAGE AND LITERATURE (Full course). No student may proceed from German 1 to German 4 unless he has completed the summer work as given above.

3 hours: *Professor Meyer and Mr. Block.*

Texts: L. J. Russon, Complete German Course; Goethe, Egmont (Holt); Goethe, Urfaust (Harper).

Private Reading: Thomas Mann, Tonio Kröger (Crofts); Grillparzer, Der arme Spielmann (Inselbucherei No. 82).

GERMAN CONVERSATION

Students who intend to continue German must attend a class in Oral German (one hour a week) until, in the Professor's opinion, they have reached a satisfactory standard.

THIRD AND FOURTH YEARS

Note: In order to be admitted to the following courses a student must know German well enough to understand lectures delivered in German and express himself with some degree of fluency and correctness.

5. GERMAN LITERATURE IN THE 18TH CENTURY (Full course).

3 hours. *Professor Meyer*

Prerequisite: German 3 and/or German 4.

Texts: Lessing, Emilia Galotti (Heath); Goethe, Iphigenie (Heath); Schiller, Wallenstein (Holt); Stroebe and Whitney, Geschichte der deutschen Literatur.

Private Reading: Lessing, Minna von Barnhelm; Goethe, Die Leiden des jungen Werthers (Insel-Bucherei, No. 493); Schiller, Kabale und Liebe.

6. GERMAN LITERATURE IN THE 19TH CENTURY (Full course). The important literary movements and writers of the 19th century are studied and discussed. Collateral readings.

3 hours. *Professor Reiss*

7. GERMAN LITERATURE IN THE 20TH CENTURY (Full course).

3 hours. *Professor Reiss*

(*Not given in 1958-59.*)

8. MIDDLE HIGH GERMAN LITERATURE AND LANGUAGE (Full course).

2 hours. *Professor Reiss*

Text: Wright-O'C. Walshe, A Middle High German Primer (O.U.P. 5th edition).

9. HISTORY OF THE DRAMA IN GERMAN LITERATURE (Full course).

2 hours. *Professor Reiss*

(*Not given in 1958-59.*)

10. GERMAN LYRICAL POETRY (Half course).

1 hour, throughout the year. *Professor Reiss*

11. GOETHE'S FAUST (Half course).

1 hour, throughout the year. *Mr. Block*

12. THE GERMAN NOVELLE (Half course).

1 hour, throughout the year. *Professor Meyer*

ADDITIONAL COURSES

20. GENERAL SURVEY OF GERMAN LITERATURE FROM LESSING TO THE PRESENT DAY. This course is given in English for students who do not know enough German to understand lectures in that language. It is not open to those who are taking, or who have taken, any of the courses listed as German 5, 6, 7, 8, 9, 10, 11, 12.

3 hours (Second, Third or Fourth year). *Professors Meyer and Reiss*

German 101 and 102 are designed for candidates who wish to have a sufficient reading knowledge of the German language to meet their purposes as candidates for, for example, the B.Sc. degree or a degree in the Faculty of Graduate Studies.

101. GERMAN LANGUAGE (Full course).

Students intending to proceed from German 101 to German 2 must have obtained a first or high second class and are required to read during the summer: Hinz, Das geheimnisvolle Dorf (Heath, Chicago Series Bk. 8). Those intending to proceed to German 3 must also read Kästner, Emil und die Detektive.

Texts: Curts, Basic German, 3rd. ed. (Prentice-Hall); Fiedler Sandbach, First German Reader for Science Students (Oxford).

102. GERMAN SCIENCE READING COURSE (Full course). Method and Practice of Translation. The first half of the course will be devoted to teaching the method of translating, the second half to actual translation of texts from various fields of interest.

Prerequisite: German 1 or German 101 or Matriculation in German. Candidates intending to sit the examination for the German language requirement of the Ph.D. degree will be admitted to this course whethre they have reached the prerequisite level or not.

Text: C. V. Pollard, The Practical Solution to German Translation. (The University Co. Op. Austin, Texas, 1950.)

COGNATE COURSE

LINGUISTICS 221. INTRODUCTION TO THE STUDY OF LANGUAGE. Available to Second and Third year students (Full course). An elementary survey of human speech, its nature, origin, structure and classification; principles of linguistic change; writing and the alphabet; universal and auxiliary languages.

3 hours. *Professor C. H. Carruthers*

(*Given in the Department of Classics. See page* 1050.)

HONOURS IN GERMAN

Students wishing to take Honours in German should select two courses a year after consultation with the department. In addition, in each year two full cognate courses must be taken in some other department with the approval of the Department of German. Students may begin Honours in German in the Third year instead of the Second year, if in the opinion of the Department they are qualified to do so.

JOINT HONOURS.

1. **German** and **French:** see under Department of Romance Languages.

2. **German** and **Greek** or **Latin:** Minimum first year requirements: German 1, Greek 1 or Latin 11 or their equivalents.

Second year:

German: Two courses selected from German 3 (Language and literature), 4 (Language and literature), 5 (18th Century literature).

Greek: Greek 21 (Readings from Homer and Attic Greek authors), and 22.

Latin: Latin 21 (Vergil's Aeneid) and 22.
One approved elective.

Third year:

German: Two full courses selected from German 5 (18th Century literature, 6 (19th Century literature), 9 (Drama), 10 (Half course, lyrical poetry), 11 (Half course, Goethe's Faust), 12 (Novelle).

Greek: Greek 31 and 32.

Latin: Latin 31 and 32.

Fourth year:

German: Two full courses chosen from German 6 (19th Century literature), 7 (20th Century literature), 10 (Half course, lyrical poetry), 11 (Half course, Goethe's Faust), 9 (Drama).

Greek: Greek 1 (Greek drama) and 42 (Greek philosophy).

Latin: Latin 1 and 42.

3. **German and English:** see under Department of English.

4. **German and History:**

First year: History 100, German 1, and *three* other courses as required by Faculty.

Second year: Two courses selected from: German 3 (Language); German 4 (Language and Literature) and German 5 (German Literature in the 18th century)
History 200 (Mediaeval Life and Institutions)
History 215 (Eastern Europe from the 7th century
One course selected from: English 200, French Linguistics 21 and Political Science 211H.

Third year: German 5 (Literature in the 18th Century)
German 6 (Literature in the 19th Century)
History 315a (The Slavs and the Habsburg Monarchy)
History 315b (War and Society in Eastern Europe)
History 410 (EuropeanThought since the Renaissance).

Fourth year: German 7 (Literature in the 20th Century)
German 9 (Drama in German Literature)
History 420 (Europe, 1789-1939)
Political Science 311 (History of Political Theory).

5. **German and Philosophy:**

Minimum first year requirement in German: German 1 or its equivalent.

Second year:

German: Two courses chosen from German 3 (Language and literature), 4 (Language and literature), 5 (18th Century literature).

Philosophy: Philosophy 200 (Introduction to Philosophy) and 300 (Ethics). One approved elective.

Third year:

German: Two full courses selected from German 5 (18th Century literature), 9 (19th Century literature), 12 (Half course, lyrical poetry), 13 (Tragedy), 14 (Half course, Goethe's Faust).

Philosophy: Philosophy 350 (Greek Philosophy) and 360 (Modern Philosophy).

Fourth year:

German: Two full courses selected from German 6 (19th Century literature), 10 (Half course, lyrical poetry), 9 (Drama), 11 (Half course, Goethe's Faust.)

Philosophy: One full course selected from Philosophy 320 (Aesthetics), 420 (Seminar on the Philosophy of Kant), and 450 (Seminar on the Philosophy of History).

And *either* Philosophy 400 (Ethics and Philosophy of Politics), if special field is Ethics,

or Philosophy 410 (Problems of Logic, Epistemology and Metaphysics), if special field is systematic Philosophy.

6. **German and Spanish:**

First year

Prerequisites: German 1, Spanish 11 and Latin 100, *or* the equivalent.

Second year

German	Spanish
Two full courses selected from:	Spanish 21 (language and introd. to literature)
German 3 (language)	Spanish 22 (Modern Novel, poetry and drama)—(Honours Course)
German 4 (language and introd. to lit.)	
German 5 (18th cent. literature)	

AND one full course (elective).

Third year

Two full courses (or the equivalent) selected from:	Spanish 31 (19th cent. litl.)
German 5 (18th cent. lit.)	Spanish 31 (History of the language and Medieval lit.) (Honours Course)
German 6 (19th cent. lit.)	
German 7 (20th cent. lit.)	
German 8 (Middle High German lang.)	
German 9 (History of the drama)	
and:	
Half courses (Honours):	
German 10 (Lyrical poetry)	
German 11 (Goethe's *Faust*)	
German 12 (the *Novelle*)	

AND one full course (elective).

Fourth year

Two full courses (or the equivalent) selected from the following Honours Courses:	Spanish 41 (the Golden Age)
German 6, 7, 8 (full courses)	Spanish 42 (19th cent. drama) (Honours Course)
German 10, 11, 12 (half courses)	Spanish 43 (Spanish-American lit.)
NOTE: If German 5 was taken in the Third year, a third course must be added in the Fourth year, unless three courses were taken in the Third year.	

Recommended Electives

Second year: Linguistics 21, or Philosophy 200

Third year: Spanish 32, *or* a course in English Lit., *or* an additional course in German, at the Third or Fourth year level.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

Russian Section

Students who take Russian in order to fulfil the Modern Language requirement for the B.A. or B.Sc. degrees must take Russian 100 or 105 and Russian 200 or 205.

100. RUSSIAN LANGUAGE First year (Full course).

Reading, grammar, translation, oral practice.

3 hours. *Mr. Litwinowicz*

Texts: G. A. Znamensky, Conversational Russian (Ginn); A. Semeonoff, A New Russian Grammar (Dent).

No prerequisite.

105. RUSSIAN LANGUAGE. Advanced in the first year (Full course).

This course is designed for the students who already possess a certain competence in the Russian language.

3 hours. *Mr. Litwinowicz*

Texts: G. A. Znamensky, Conversational Russian (Ginn); Birkett and Struve, Chekhov Selections (Oxford); Unbegaun, Russian Grammar (Oxford).

Prerequisite: Permission of the lecturer.

200. RUSSIAN LANGUAGE. Reading, Translation, Conversation.

3 hours. *Mr. Litwinowicz*

Prerequisites: Russian 100 or equivalent.

Texts: Coulson and Duddington, Russian Short Stories, 19th Century (Oxford); A. Semeonoff, A new Russian Grammar (Dent).

205. RUSSIAN LANGUAGE. Advanced Syntax. Translation, Reading, Conversation. Course to be conducted in Russian only.

3 hours. *Mr. Litwinowicz*

Prerequisite: Russian 105.

Texts: Coulson and Duddington, Russian Short Stories, 19th Century (Oxford); Baring and Costello, The Oxford Book of Russian Verse; Unbegaun, Russian Grammar (Oxford).

HISTORY

Professor H. N. FIELDHOUSE, *Chairman*

Associate Professors C. C. BAYLEY
J. I. COOPER
W. S. REID

Assistant Professors M. MLADENOVIC
P. ZAGORIN

N.B.—Students who propose to read History, either as an Honours subject or as a Continuation subject, should see pages 1103-1105.

100. EUROPEAN CIVILIZATION IN THE MEDIAEVAL AND MODERN PERIODS. First year (Full course). The mediaeval period is studied in terms of its typical institutions: the Empire, the Papacy, feudalism, the gild, the dynastic state, etc. In the modern period, main emphasis is laid on the emergence of the Great Powers and the long-term problems, at home and abroad, which conditioned their policies.

3 hours. *Professor Bayley*

ANCIENT HISTORY 11. First year (Full course). Students who wish to take this course should see the notes below on Continuation and Honours Courses in History.

3 hours. *Given by the Classics Department*

200. MEDIAEVAL LIFE AND INSTITUTIONS. Second year (Full course).

3 hours. *Professor Bayley*

205. HISTORY OF COLONIAL EXPANSION WITH SPECIAL REFERENCE TO THE BRITISH EMPIRE. Second year (Full course). Approximately one-third of the course will be devoted to the overseas activities of the European States, 1500-1713; the remainder, to the history of the British Empire and Commonwealth. Throughout, emphasis will be placed on economic and social development.

3 hours. *Professor Cooper*

210. HISTORY OF GREAT BRITAIN. Second year (Full course). Survey of the development of British civilization since the Roman invasions. While constitutional and political changes are considered, the emphasis is placed (particularly in the modern period) on the economic, social and intellectual background.

With the consent of the Department, this course may be taken by Third year students.

3 hours. *Professor Reid*

215. HISTORY OF EASTERN EUROPE (FROM IVTH CENTURY). Second, Third and Fourth years (Full course). The mediaeval principle of legitimacy and the formation of the first barbarian states: ecclesiastical schism and the political division of Eastern Europe; the conflicts of Byzantines, Germans, Osmanlis, and Slavs; social and economic development: Eurasianism and the interaction of Western, Byzantine, and Eastern cultures.

3 hours. *Professor Mladenovic*

305. HISTORY OF CANADA. Third year (Full course). Early French and English enterprise in northeastern America; staple trades; settlement; colonial institutions. British America in the era of the American Colonial and French revolutions. Economic and political problems of the early XIXth century; the creation of the Canadian federal state: Western extension: development of the Canadian northland between two World Wars.

With the consent of the Department, this course may be taken by Fourth year students. Students are normally expected to have taken either History 205 or History 210 as a prerequisite to this course, but exceptions may be made, at the discretion of the Instructor.

3 hours. *Professor Cooper*

310. THE RISE OF BRITISH INDUSTRIAL DEMOCRACY SINCE 1815. Third year (Full course). The economic expansion of Britain following the Napoleonic Wars and the consequent social and political movements: the rise of working class organizations, of trade unions and of the Labour party; the impact of major wars and depression upon Great Britain in the XXth century; the Labour Party's post-war rehabilitation measures.

With the consent of the Department, this course may be taken by Fourth year students.

3 hours. *Professor Reid*

315a. THE SLAVS AND THE HABSBURG MONARCHY (Half course). History of the problem of nationalities and of political stability in Central Europe from the time of the Slavonic migrations to the dissolution of the Austro-Hungarian Empire.

3 hours. *Professor Mladenovic*

315b. WAR AND SOCIETY IN EASTERN EUROPE (Half course). Historical, cultural, and demographic elements in the relations of the peoples of Eastern Europe and their bearing on the capacity of East European States to wage war; characteristics of East European States warfare; the bolshevik conception of warfare.

Save by special consent of the Department, this course is open only to students who have previously taken either History 420, 320, or 215.

3 hours. *Professor Mladenovic*

320. THE HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE. Third and Fourth years (Full course).

3 hours. *Professor Fieldhouse*

325. SOCIETY OF WESTERN EUROPE FROM THE RENAISSANCE TO THE EVE OF THE FRENCH REVOLUTION. Third and Fourth years (Full course). Study of selected topics in the development of social institutions, religion and culture, from the XVth century to the mid-XVIIIth e.g. Humanism; the Reformation; the expansion of Europe; the scientific revolution of the XVIIth century; the changing character of social classes; the development of absolute monarchy.

3 hours. *Professor Zagorin*

326. TUDOR AND STUART ENGLAND. Third and Fourth years (Full course). A study of English society, politics, and thought from the end of the Middle Ages to the beginning of the eighteenth century. Among the topics discussed are, the development of the English state; economic expansion; the religious revolution; the civil war and its consequences; the intellectual and social changes which led to the formation of a liberal political order.

3 hours. *Professor Zagorin*

400. HISTORICAL DEVELOPMENT OF THE INSTITUTIONS OF GREAT BRITAIN. Fourth year (Full course).

3 hours. *Professor Bayley*

405. ECONOMIC HISTORY OF THE UNITED STATED AND CANADA. Third and Fourth years (Full course). Survey of the economic history of the two countries from colonial times to the present. Emphasis is placed on the XIXth and XXth centuries, the expansion and consolidation of industry, and the rise of labour organizations.

Students are normally expected to have taken History 305 as a prerequisite to this course, but exceptions may be made, at the discretion of the Instructor.

3 hours. *Professor Cooper*

410. THE HISTORY OF EUROPEAN THOUGHT SINCE THE RENAISSANCE. Third or Fourth year (Full course).

3 hours. *Professor Reid*

411. HISTORY OF CELTIC BRITAIN AND IRELAND. Third and Fourth years (Full course).

3 hours. *Professor Reid*

(*Not given in 1958-59.*)

415. HISTORY OF SOVIET RUSSIA (Full course). Geopolitical background; Marxian and non-Marxian roots of the Revolution; the two Revolutions and the Civil War; doctrinal foundations of the new order and later ideological changes: economic and political development; international relations; social structure, legal system and military organizations. cultural trends.

Save by special consent of the Department, this course is open only to students who have previously taken either History 420, 320, or 215.

Professor Mladenovic

3 hours.

420. HISTORY OF EUROPE, 1789-1939. Fourth year (Full course).

For Honours students only.

Professor Fieldhouse

3 hours.

421. HISTORY OF DIPLOMACY, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY SINCE 1815. Third and Fourth years (Full course).

Professor Fieldhouse

3 hours.

(*Not given in 1958-59*)

SPECIAL SUBJECTS

A period in, or aspect of, Ancient History.

England in the Age of Wyclif.

England and Scotland in the period of the Reformation.

England from the Restoration to the Accession of George III.

Economic and social change in Great Britain, 1832-1914.

British Imperial History — (a) Newfoundland (b) the West Indies in the XVIIth and XVIIIth centuries.

A topic in Canadian History, 1867-1896.

Origins of the First World War (1914-18) with special reference to British foreign policy.

Some aspects of the political history of the Balkans in the XIVth and XVth centuries.

The Russian Revolutions of 1917.

Honours students choose one of these special subjects for continuous study during their Third and Fourth years. They are expected to acquire a general knowledge of the subject chosen, and to make a more intensive study of one of its aspects, from original sources.

HONOURS IN HISTORY

With emphasis on the English-speaking world:

First year: History 100. Four other courses.

Second year: History 205 and 210. Three other approved courses.

Third year: History 305, 310, 326 and Special Subject.

Fourth year: History 420, 400, 405 and Special Subject.

With emphasis on Continental Europe:

First year: History 100. Four other approved courses.

Second year: History 200, 210 and 215. Two other approved courses.

Third year: History 305, 315a and b, 325 and Special Subject.

Fourth year: History 410, 415, 420 and Special Subject.

JOINT HONOURS

I. Honours in History and Philosophy:

First year: History 100 and *four* other approved courses.

Second year: History 200 and 215.
Philosophy 200 and 300.

Ancient History 11 (or, if this has been taken in the first year, Ancient History 21 or 22) in the Classics Department.

Third year: History 410.

Two courses selected from Philosophy 350, 360 or 370.

One course selected from History 305 or whichever of Philosophy 350, 360, 370, has not been already chosen.

Fourth year: History 400 and 420.
Philosophy 400 and 450.

III. Honours in History and Political Science.

1. For students specializing in International Relations:

First year: History 100 and Four other courses as required by Faculty: one of these to be an approved Modern Foreign Language.

Second year: Political Science 211H.
History 200 and 215.

And *two* other approved courses: one of which shall be in a Modern Foreign Language selected in first year.

Third and Fourth years: Political Science 311, 323, 344 and 411a, and either 324b or 412b.

History 315a, 315b, 415, 420 and 421.

2. *For students of Comparative Government and General History:*

First year: History 100 and *Four* other Courses as required by Faculty.

Second year: Political Science 211H.

History 200, 205 and 210.

And *one* other approved course.

Third and Fourth years: Political Science 311, 411a and 351.

Either Political Science 322 *or* 324b, 325b.

One of:
Political Science 353b and 355a.

History 305 and 420.

One course selected from:
History 310, 400 and 405.

One other approved course.

Students who propose to study Comparative Government with an emphasis on the totalitarian regimes may be permitted to substitute History 215 for either History 205 or 210, and to substitute History 415 as an elective in History in the fourth year.

V. For Honours in **History** and **Economics**, see under the Department of Economics and Political Science.

For Honours in **History** and **English**, see under the Department of English.

For Honours in **History** and **Geography**, see under the Department of Geography.

For Honours in History and German, see under the Department of German.

Honours students are required to have a reading knowledge of such foreign language or languages as may be appropriate to their proposed course of study. The Department will advise individual students on this matter.

In addition to the examination in the subjects taken in the last year, Fourth year Honours students have a general examination paper on the history studied by them in their four years.

HISTORY AS A CONTINUATION SUBJECT

Students who wish to take History as a Continuation subject must consult the Department as to their programme.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

MATHEMATICS

Professors

HERBERT TATE, *Chairman*
CHARLES FOX
E. M. ROSENTHALL
P. R. WALLACE
HANS ZASSENHAUS

Associate Professors

HYMAN KAUFMAN
WACLAW KOZAKIEWICZ
JOACHIM LAMBEK
E. L. LOMON
T. F. MORRIS
J. E. L. PECK
H. W. E. SCHWERDTFEGER
R. T. SHARP
C. D. SOLIN

Assistant Professors

M. D. BURROW
G. D. FINDLAY
SIDNEY KAHANA
SAMUEL MELAMED
T. V. NARAYANA
NORMAN OLER
B. A. RATTRAY
L. P. WOOD

Lecturers

D. M. Kingsbury
Michael Herschorn
Z. A. Melzak
Joseph Murphy
Mrs. Norman Oler
R. A. Patterson
I. H. Shtern
David Sussman
J. T. Yamada

Demonstrators

G. G. Bach
Eugene Butkov
H. C. Khare
Mrs. H. Schwerdtfeger
P. de Souza
J. C. Turgeon

FIRST YEAR

First year students will normally register for Mathematics 111.

Courses 113 and 216 are of a more advanced nature and concentrate on the development of facility in doing difficult and interesting problems. Students who have passed well in Intermediate Algebra and Trigonometry at Junior Matriculation should take 113 or 216 instead of 111.

111. TRIGONOMETRY, ALGEBRA, ANALYTICAL GEOMETRY (Fac. Eng. 1200) (Full course).

PLANE TRIGONOMETRY. Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformations of sums and products, logarithmic solution of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

ALGEBRA. Variation, progressions, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

ANALYTIC GEOMETRY. The analytic geometry of the straight line and circle.

3 hours. *Staff*

Text: H. Tate, *Elementary Mathematical Analysis* (Pitman).

113. ADVANCED TRIGONOMETRY AND ALGEBRA (Full course). The number system, elementary number theory, algebra, plane analytic geometry, advanced trigonometry.

3 hours. *Professor Tate*

Text: A. S. Ramsey, *Analytic Geometry* (C.U.P.)

COURSES FOR GENERAL STUDENTS

216. ELEMENTARY ANALYTIC GEOMETRY AND ALGEBRA (Full course). Review of trigonometry. The analytic geometry of the straight line and circle. Permutations and combinations, binomial theorem, mathematical induction, complex numbers, functional notation, remainder theorem, solution of equations.

3 hours. *Professor Lambek and Staff*

Texts: Robin Robinson, *Analytic Geometry* (McGraw-Hill); T. S. Peterson, *College Algebra* (Harper).

221a *or* b. ELEMENTARY STATISTICS (Half course). Review of analytic geometry. Averages, standard deviation, correlation, curve fitting.

First or second term: 3 hours.

Professor Kozakiewicz and Mrs. Schwerdtfeger

Text: W. Kozakiewicz, *Notes on Statistics* (McGill).

224. ELEMENTARY CALCULUS (Full course). Graphical representation; limits, differentiation and integration of elementary functions, with application to the determination of lengths, areas, and volumes and the solution of simple problems in mechanics, physics, etc.; partial differentiation.

This course is intended to give students of biochemistry, chemistry, economics, and sociology a working knowledge of the elements of calculus.

3 hours. *Professor Tate and others*

Text: R. R. Middlemiss, *Differential and Integral Calculus* (McGraw-Hill).

228a. SPHERICAL TRIGONOMETRY AND ASTRONOMY (Half course). Geometry of the sphere, solution of spherical triangles, celestial sphere, time, positions of the heavenly bodies, determination of geographical position.

First term: 3 hours. *Professor Fox*

Texts: Rider and Hutchinson, *Navigational Trigonometry* (Macmillans, Kells, Kern, and Bland, *Spherical Trigonometry with Naval and Military Applications* (McGraw-Hill); *American Nautical Almanac for 1955* (U.S. Government Printing Office).

Reference books: R. H. Baker, *Astronomy* (Van Nostrand); W. M. Smart, *Text-book on Spherical Astronomy* (Cambridge University Press).

335a. THEORY OF INTEREST (Half course). Simple and compound interest, discount, annuities certain, sinking funds, bonds, mortgage amortization, depreciation.

First term: 3 hours. *Professor Wood*

Text: H. Tate, *Mathematical Theory of Interest* (Pitman).

335b. MATHEMATICS OF LIFE INSURANCE (Half course). Mortality tables; single-life annuities and assurances, premiums, reserves, dividends, basic contract provisions.

Second term: 3 hours. *Professor Wood*

Prerequisite: Mathematics 335a.

Text: Larson and Gaumnitz, *Life Insurance Mathematics* (Wiley).

337a. FURTHER CALCULUS (Half course). Hyperbolic functions, partial differentiation, infinite series, beta and gamma functions, multiple integrals.

First term: 3 hours. *Professor Solin*

Prerequisite: Mathematics 224.

Text: T. S. Peterson, *Elements of Calculus* (Harper).

337b. DIFFERENTIAL EQUATIONS (Half course). Solution of ordinary differential equations; linear differential equations, especially with constant coefficients; solution by series.

Second term: 3 hours. *Professor Solin*

Text: Kells, *Elementary Differential Equations* (McGraw-Hill).

Prerequisites: Mathematics 224, 337a.

339a. FINITE DIFFERENCES (Half Course). Methods of interpolation and summation; approximate differentiation and integration; difference equations.

First term: 3 hours. *Professor Wood*

Text: Freeman, *Mathematics for Actuarial Students* (C.U.P.).

Prerequisite: Mathematics 224 or 225.

339b. MATHEMATICAL STATISTICS (Half course). Probability; averages; measures of dispersion; normal distributions; regression; correlation; sampling.

Second term: 3 hours. *Professor Fox*

Text: S. S. Wilks, *Elementary Statistical Analysis* (Princeton University Press).

Prerequisite: Mathematics 224 or 225.

436a. ALGEBRA (Half course). Complex numbers, properties of polynomials, partial fractions, theory of equations, determinants.

First term: 3 hours. *Professor Findlay*

Text: F. S. Nowlan, *College Algebra* (McGraw-Hill).

Prerequisite: Mathematics 224.

436b. ANALYTIC GEOMETRY (Half course). The analytic geometry of the parabola, ellipse and hyperbola; the general equation of the second degree; the elements of solid analytic geometry.

Second term: 3 hours. *Professor Findlay*

Text: Young, and Morgan, *Analytic Geometry* (Houghton-Mifflin).
Prerequisite: Mathematics 224.

HONOURS COURSES

NB. No student may register for an Honours course without the consent of the Department. This does not apply to Honours students in Chemistry who wish to take 332 or 447.

Second year

225. CALCULUS (Full course). Limits ,derivatives, and integrals. Application of differentiation and integration to the solution of problems involving maxima and minima, rates, curvature, eongths of curves, areas, volumes of solids, centres of gravity, and similar problems. Theorems of Rolle and Taylor. Partial Differentiation.

3 hours. *Professor Tate*

Text: Sherwood and Taylor, *Calculus* (Prentice-Hall).

226. PLANE AND SOLID ANALYTIC GEOMETRY (Full course). The plane analytic geometry of the straight line, circle, parabola, ellipse, hyperbola, the general equation of the second degree, polar co-ordinates. The line, plane, sphere, central conicoids, paraboloids, and ruled surfaces of the second degree in three dimensions. Spherical Trigonometry.

3 hours. *Professor Solin*

Texts: A. B. Grieve, *Plane and Solid Analytic Geometry* (Bell); MacRobert and Arthur, *Spherical Trigonometry* (Methuen).

227a. VECTORS AND DETERMINANTS (Half course). Algebra of vectors; scalar and vector product of two vectors; multiple products; differentiation of vectors with applications; determinants; Cramer's rule; special determinants.

First term: 3 hours. *Professor Schwerdtfeger*

Text: G. Coffin, *Vector Analysis* (Wiley).

227b. ALGEBRA (Half course). Complex numbers, including De Moivre's theorem and geometrical representation; matrices; consistency of systems of linear equations and numerical methods for their resolution; characteristic equation of a numerical matrix; polynomials in one variable, numerical solution of equations.

Second term: 3 hours. *Professor Kozakiewicz*

Text: C. C. MacDuffee, *Theory of Equations* (Wiley).

Third year

331. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS (Physics 31) (Fac. Eng. 1268) (Full course).

(a) Dynamics of a particle in one and two dimensions, motion of pairs of particles, introduction to dynamics of rigid bodies, mass systems.

First term: 3 hours. *Professor F. R. Terroux (Physics)*

Texts: Lamb, *Statics*; and Lamb, *Dynamics* (C.U.P.).

Reference books: Synge and Griffith, *Principles of Mechanics* (McGraw-Hill); Slater and Frank, *Mechanics* (McGraw-Hill).

(b) Central orbits, elements of rigid dynamics in two and three dimensions, Lagrange's equations with simple applications, oscillation about equilibrium positions.

Second term: 3 hours. *Professor Lomon*

Text: Slater and Frank, *Mechanics* (McGraw-Hill).

Reference Books: The books listed in (a) above.

332. INTERMEDIATE CALCULUS AND DIFFERENTIAL EQUATIONS (Full coure). Partial differentiation, Jacobians and implicit functions, mean value theorems, Green's theorem, Stokes's theorem, Taylor's series, line and multiple integrals, vectors. Solution of ordinary differential equations, especially with constant coefficients, solution in series by the method of Frobenius, introduction to partial differential equations. Fourier series.

3 hours. *Professor Kahana*

Prerequisite: Mathematics 224.

Texts: Sherwood and Taylor, *Calculus* (Prentice-Hall); Kells, *Elementary Differential Equations* (McGraw-Hill).

333. ADVANCED CALCULUS (Full course). Partial differentiation, Jacobians and implicit functions, Riemann-Stieltjes integral, mean value theorems and Taylor series, indeterminate forms, line integrals, Green's and Stokes's theorems, vectors, definition of analytic functions of a complex variable, poles and residues, evaluation of definite integrals, the Gamma function and related definite integrals.

3 hours. *Professor Rosenthall*

Texts: Franklin, *Methods of Advanced Calculus* (McGraw-Hill); R. V. Churchill, *Introduction to Complex Variables and Applications* (McGraw-Hill).

334. DIFFERENTIAL EQUATIONS (Full course). Solution of ordinary differential equations by means of operators, series and iteration methods; boundary value problems and orthogonal functions; introduction to partial differential equations; solution of partial differential equations of mathematical

physics by use of Fourier series and integrals; Bessel functions, Legendre polynomials and applications. Laplace transforms, calculus of variations.
3 hours. *Professor Melamed*

Texts: F. B. Hildebrand, *Advanced Calculus for Engineers* (Prentice-Hall; R. V. Churchill, *Fourier Series and Boundary Value Problems* (McGraw-Hill); F. H. Miller, *Partial Differential Equations* (Wiley).

Third or Fourth year

341a. THEORY OF GAMES (Half course). Matrix games; convex sets; the fundamental theorem; extensive games; linear programming.
First term: 3 hours. *Professor Peck*

Text: J. C. V. McKinsey, *Introduction to the Theory of Games* (McGraw-Hill).

341b. MATHEMATICAL LOGIC (Half course). Propositional and predicate calculus; Peano's axioms and formalised arithmetic; algebra of classes and relations; formal set theory and the axiom of choice.
Second term: 3 hours. *Professor Lambek*

344a. THEORY OF NUMBERS (Half course). The number system; repeating decimals; congruences; Diophantine equations; continued fractions; nonlinear congruences; quadratic residues.
First term: 3 hours. *Professor Rosenthall*

Text: B. W. Jones, *The Theory of Numbers* (Rinehart and Co.)

344b. GEOMETRY (Half course). Affine and projective spaces; introduction of coordinates; theorems of Desargues and Pappus; projective transformations; projective theory of conics, non-Euclidean geometry.
Second term: 3 hours. *Professor Rattray*

Text: Buseman and Kelly, *Projective Geometry.*

Fourth year

438b. ADVANCED MATHEMATICAL STATISTICS (Half course). Small samples; theory of normal regression; partial and multiple correlation; testing hypotheses, analysis of variance; non-parametric methods.
Second term: 3 hours. *Professor* ————

Prerequisites: Mathematics 224 or 225, 337a, b, 339a, b.

Text: Hoel, *Mathematical Statistics* (Wiley).

(*Not given in 1958-59.*)

441. MATHEMATICAL PHYSICS (Physics 41) (Fac. Eng. 1290 and 1390) (Full course). Vibration problems, eigenfunctions and eigenvalues, sound waves, scattering problems. Fourier transforms and application to problems of heat conduction and diffusion. Introduction to relativity and wave mechanics.

Professor Wallace

3 hours.

Texts: Joos, *Theoretical Physics* (Blackie); Lindsay, *Methods and Concepts in Theoretical Physics* (Van Nostrand).

442a. LINEAR ALGEBRA (Half course). Fields; vector spaces; linear transformations; linear groups and canonical forms; quadratic forms.

Professor Zassenhaus

First term: 3 hours.

Text: R. M. Thrall and L. Tornheim, *Vector Spaces and Matrices* (Wiley).

442b. ALGEBRAIC SYSTEMS (Half course). Groups, rings and ideals; fields; polynomial ideals; lattices and projective geometry; solution of linear inequalities.

Professor Zassenhaus

Second term: 3 hours.

Text: Same as 442a.

443. NUMERICAL ANALYSIS (Full course). Numerical solution of linear, algebraic, differential and integral equations; the use of the slide rule, desk calculator, graphical methods, integrimeter, analog and electronic (digital) computers.

Professors Zassenhaus and Wood

3 hours.

Text: F. B. Hildebrandt, *Introduction to Numerical Analysis* (McGraw-Hill).

444. ANALYSIS (Full course). The real number system; metric spaces; compactness; completeness; continuous functions on a compact metric space; Lebesgue integral; Fourier series; selected topics from the theory of functions of a complex variable.

Professor Rosenthall

3 hours.

Texts: W. Rudin, *Mathematical Analysis* (McGraw-Hill); L. V. Ahlfors, *Complex Analysis* (McGraw-Hill).

445a. TOPOLOGY (Half course). Topological spaces and continuous maps; metrization theorems; Jordan curve theorem; Brouwer fixed point theorem; classification of surfaces.

Professor Rattray

First term: 3 hours.

Text: E. M. Patterson, *Topology* (Oliver and Boyd).

(Not given in 1958-59.)

445b. PROBABILITY (Half course). Probability in a sample space; stochastic convergence; law of large numbers; central limit theorem; random walk; recurrent events and their application to the theory of runs.

Second term: 3 hours. *Professor Kozakiewicz*

(*Not given in 1958-59.*)

446a. FLUID DYNAMICS (Half course). The equations of motion, conservation of energy and circulation, the theory of images, complex potential and conformal transformation methods, especially solutions for vortex arrays and aerofoil theory, Stokes's stream function for three-dimensional solutions, the equations of viscous flow and boundary layer motion.

First term: 3 hours. *Professor Fox*

Texts: Milne-Thomson, *Hydrodynamics* (Macmillan); Ramsey and Besant, *Hydro-Mechanics* (C.U.P.).

446b. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM (Half course) Basic theory of electrostatics and steady current theory, using the theory of images and complex potentials; magnetism, magnetic effects of currents and electro magnetic induction, Maxwell's equations, reflection and refraction of waves; rectangular wave guide propagation; dipole radiation and antennae.

Second term: 3 hours.

Text: Slater and Frank, *Electro-magnetism* (McGraw-Hill).

(*Not given in 1958-59.*)

447. HIGHER MATHEMATICS FOR CHEMISTS. For chemists and other qualified students (Full course). Selected topics in algebra, advanced calculus, and mechanics, designed for prospective students of Quantum Chemistry.

2 hours. *Professor Morris*

Prerequisites: Mathematics 224, 332.

448b. ADVANCED DYNAMICS (Half course). General formulation of Lagrangian dynamics, Hamiltonian equations. Least action principle. Canonical transformations. Poisson brackets. Hamilton-Jacobi theory. Theory of Spinors.

Second term: 3 hours. *Professor Kahana*

Text: Goldstein, *Classical Mechanics.*

449a. TENSOR ANALYSIS. Covariant and contravariant tensors and their laws of transformation, the fundamental tensors. Covariant and contravariant differentiation. The Riemann-Christoffel Tensor and the

Bianchi identities, applications to geometry, classical dynamics, and the theory of Relativity. Four-dimensional space-time. Einstein's law of gravitation and the Schwarzschild solution.

First term: 3 hours. *Professor Lomon*

Text: B. Spain, *Tensor Analysis* (Oliver and Boyd).

450. THEORY OF LIFE CONTINGENCIES (Full course). Theory of interest. Single and multiple life functions.

3 hours. *Professor Wood*

Prerequisites: Mathematics 224, 337a,b, 339a,b (which may be taken concurrently).

Text: C. W. Jordan, *Life Contingencies* (Society of Actuaries); Donald, *Compound Interest and Annuities Certain* (C.U.P.).

SUMMARY OF ORGANIZED COURSES OF STUDY

The following courses of study are designed to give students the maximum opportunity of entering various fields in which mathematical training is fundamental. Attention is particularly called to opportunities in: research in Pure and Applied Mathematics; teaching in Universities and High Schools; applications to engineering and the physical and biological sciences; statistical work in industry and government departments; actuarial work in insurance companies.

(a) Continuation Courses for the General Degree.

These are normally courses 224, 337a,b, 339a,b, 436a,b. (See pages 1107 to 1109.)

Substitutions may be made only with the permission of the chairman.

(b) General Degree with Special Distinction in Mathematics.

The prescribed courses are:

Second year: Mathematics 225, 226.

Third year: Mathematics 227a, b, 333.

Fourth year: Any two Mathematics Honours courses of the Third and Fourth years for which prerequisite requirements are satisfied.

This course of study may be combined with any combination of other subjects which satisfy the normal requirements for the General Degree.

HONOURS COURSES

(c) Honours in Mathematics. (New Course—to begin, 1958.)

Prerequisite: High standing in First year mathematics.

Second year: 225, 226, 227, and two other approved courses, normally not in mathematics.

Third year: 333, 334, 339a,b, one of 331; 341a,b; 344a,b and one approved course, not in mathematics.

Fourth year: 442a,b, 444 and the equivalent of two approved full courses chosen from 341a,b, 344a,b, 438b, 441, 443, 445a,b, 446a, 446b or Physics 42, 448b, 449a, 450 and one other approved course, normally not in mathematics.

Students who are now in the Third or Fourth year will consult the Chairman and proceed under the former regulations viz: 1955-56.

Ordinary students who intend to pursue a course in **Actuarial Mathematics** should take:

Mathematics 216, 224 in their Second year,
Mathematics 337a,b, 436a,b, in their Third year,
Mathematics 339a,b, 450 in their Fourth year,

and should consult the Chairman of the Department.

JOINT HONOURS COURSES

(d) Honours in Economics and Mathematics. See under Department of Economics.

(e) Joint Honours in Mathematics and Philosophy.

Second year: Mathematics 225, 226, 227a,b. Philosophy 200.

Third year: Mathematics 333, 334, Philosophy 310, 350, 360.

Fourth year: Mathematics 442a,b, 444, Philosophy 350 or 360, 410.

In the Second year one elective will be chosen in consultation with the joint Departments.

Students *may* also be asked to take a seminar course in Philosophy.

(f) Honours Course in Mathematics and Physics.

Prerequisite: High standing in First year mathematics and physics.

Regular Course

Second year: Mathematics 225, 226, 227a,b, Physics 23, 24, 25. One other approved course may be added as an extra.

Third year: Mathematics 333, 334, Physics 31, 32, 33, 34, 35a, 36.

Fourth year: Mathematics 441, 442a, 444, 446a or 448b, Physics 42, 43, 44b, 48.

Applied Mathematics Option

Second year: As in regular course above.

Third year: Mathematics 228a, 333, 334, Physics 31, 33, 34, 35a, 36.

Fourth year: Mathematics 441, 442a, 444, 446a, 448b, 449b, Physics 42, 43, 44b.

Note—Mathematics 331 = Physics 31 and Mathematics 441 = Physics 41.

Students intending to proceed later with advanced or graduate training in Meteorology may, with the approval of the departments concerned, substitute courses 414a, 414b Meteorology, in the Department of Geography (see page 1082) instead of one full or two half courses in Fourth year Mathematics.

It is recommended that a reading knowledge of scientific French and German be acquired before the end of the Fourth year, in courses (*c*), (*d*), (*e*), and (*f*) above.

(g) Engineering Physics.

This course, leading to a B.Eng. degree, is fully described in the Announcement of the Faculty of Engineering.

See also Engineering option in Honours Mathematics and Physics, as given on page 1132.

(h) Courses in the Faculty of Engineering.

These are described in detail in the Announcement of the Faculty of Engineering.

MEDAL

Attention is drawn to the Ann Molson Gold Medal, awarded annually.

GRADUATE COURSES IN PURE AND APPLIED MATHEMATICS

Organized courses of study are available for graduate work leading to a Master's degree. Details are available in the Announcement of the Faculty of Graduate Studies and Research.

MUSIC

MEMBERS OF THE FACULTY OF MUSIC

The courses in Music are open to those who have the qualifications for the regular courses of Music given in the Faculty of Music. The following courses may be taken as electives in the Faculty of Arts and Science. The first course of Music is for those who have offered Music as a Matriculation subject.

1. FIRST YEAR (Full course).

Harmony 101 (Faculty of Music)

Three hours.

An elementary course in written and keyboard harmony comprising a study of the following harmonic materials and techniques:

Triads and dominant seventh chords in all dispositions and inversions; principles of chord progression; part-writing drills; study of the conventional harmonic formulas and cadences; harmonic analysis; harmonization of melody and bass (unfigured) in Bach chorale style using triads, dominant seventh chords and elementary modulations; improvisation of short chorale melodies and of short harmonic progressions.

Texts: McHose, Basic Principles of the Techniques of 18th and 19th Century Composition (Chs. 13-31); McHose, Keyboard and Dictation Manual (Chs. 1-9).

Students will also be required to devote three hours weekly to aural training.

2. SECOND YEAR (Full course).

History and Analysis 101 (Faculty of Music).

Four hours.

3. THIRD YEAR (Full course).

History and Analysis 201 (Faculty of Music).

Four hours.

Music of the Classical and Romantic Periods. A comparative study of selected masterworks of both periods aimed at a definition of the classical-romantic anthithesis in terms of musical styles.

Texts: Lang, Music in Western Civilization; Boyden, An Introduction to Music.

4. FOURTH YEAR (Full course).

History and Analysis 301 (Faculty of Music).

Fours hours.

Music of the Renaissance and Baroque periods. A study of the style and character of Renaissance and Baroque music considered both autonomously and in relation to the intellectual and aesthetic currents of these periods. The course will include detailed analysis of contrapuntal forms.

Texts: Apel and Davison, Historical Anthology of Music, Vol. 2; Bukofzer, Music in the Baroque.

PHILOSOPHY

Professors	T. G. Henderson, *Chairman* Raymond Klibansky J. W. Miller
Associate Professor	Cecil Currie
Assistant Professor	Alastair McKinnon
Lecturers	S. McCall J. D. Ross

GENERAL COURSES

200. INTRODUCTION TO PHILOSOPHY. Second year (Full course).

An introduction to the chief problems of Philosophy in connection with their development in Greek, mediaeval, and modern times.

Lectures: 2 hours. *Professors Henderson and Miller*

Conference groups: 1 hour. *Professors Currie and McKinnon; Mr. McCall and Mr. Ross*

Reading: Socratic Dialogues (Nelson); *Descartes* (Nelson); *Hume* (Nelson); James, *Pragmatism* (Meridian).

300. ETHICS. Second year (Full course).

The main types of ethical theory.

Lectures and conferences: 3 hours. *Professor McKinnon*

Reading: Plato, *Republic;* Hobbes, *Leviathan;* Butler, *Fifteen Sermons;* Kant, *Fundamental Principles of the Metaphysic of Morals;* Mill, *Utilitarianism;* Lewis, *Ground and Nature of the Right.*

310. LOGIC AND SCIENTIFIC METHOD (Full course).

Deductive logic: introduction to modern symbolic logic with emphasis upon applications. Inductive logic and scientific method: verification, probability, hypothesis, and related topics.

3 hours. *Professor Miller and Staff*

Textbook: Miller, *Syllabus of Introductory Logic,* and *Logic Workbook.*

Prerequisite: Philosophy 200, except for Third and Fourth year students of science.

The class will be divided into two sections, designated as 310 I and 310 II. 310 I is intended primarily for students who have had Philosophy 200; 310 II, for Third and Fourth year students of science who have not had Philosophy 200. 310 II will give greater emphasis than 310 I to inductive logic and scientific method.

320. AESTHETICS (Full course). A philosophical treatment of certain problems in the spheres of art and criticism. Among the subjects discussed will be: the nature of aesthetic experience and of the artistic object; the interpretation of a work of art; artistic form; the criteria of aesthetic value. Illustrations and examples will be drawn from a variety of different arts, including music and poetry.

3 hours. *Mr. McCall and Mr. Ross*

Prerequisite: At least one full course in philosophy. With the consent of the lecturers, certain students may be permitted to take this course without this requirement being fulfilled.

Reading: R. G. Collingwood, *The Principles of Art;* H. Osborne, *Aesthetics and Criticism;* S. Langer, *Feeling and Form.*

330. PHILOSOPHY OF RELIGION (Full course). A discussion of the main problems of the philosophy of religion as considered in the works of various philosophers.

3 hours. *Professor McKinnon*

Reading: Anselm, *Monologium* and *Proslogium* (Open Court); Aquinas, *Selected Writings* (Everyman's Library); Pascal, *Pensées* (Everyman's Library); Hume, *Dialogues Concerning Natural Religion* (Nelson); Kant, *Selections* (Scribner's); Kierkegaard, *Philosophical Fragments* Princeton); Bergson, *Two Sources of Morality and Religion* (Doubleday).

Prerequisite: Philosophy 200.

HISTORICAL

350. GREEK PHILOSOPHY. Third and Fourth years (Full course). The theory of knowledge and metaphysics of Plato and Aristole, with special reference to Plato's *Phaedrus, Ion, Symposium, Republic* (Books V-VII) *Theaetetus,* and *Timaeus;* and Aristole's *Physics, Metaphysics, De Anima,* and *Poetics.*

3 hours. *Professor Henderson*

Prerequisite: Philosophy 200 or 300, except for students in Honours courses in Greek.

Reading: The Dialogues of Plato (Random House); *Introduction to Aristotle* (Modern Library).

360. MODERN PHILOSOPHY (Full course). Modern philosophers from Bacon to Kant.

3 hours. *Professor Currie*

Prerequisite: Philosophy 200.

Reading: Bacon, *Novum Organum;* Locke, *Essay Concerning Human Understanding;* Berkeley, *Principles of Human Knowledge;* Spinoza, *Ethics*, Books I and II; Leibniz, *New Essays*, and other writings; Hume, *Dialogues Concerning Natural Religion*, *Treatise of Human Nature*, Book I; Kant, *Prolegomena to Any Future Metaphysics.*

370. MEDIAEVAL AND RENAISSANCE PHILOSOPHY (Full course). Main problems of mediaeval philosophy in their development from Plotinus and St. Augustine to the Fifteenth Century, with special reference to Boethius, Scotus Eriugena, Anselm, Abailard, the School of Chartres, St. Thomas, Master Eckhart, Duns Scotus, William of Ockham, Nicholas of Cues, Marsilio Ficino, and Pico della Mirandola.

Reading: St. Augustine, *Confessions* (Loeb Library), and *City of God* (Everyman's Library, London 1945); Boethius, *The Consolation of Philosophy* (Garnier); selections from *Mediaeval Philosophers, vols. I-II* (Modern Student's Library, Scribner's).

3 hours. *Professor Klibansky*

Prerequisite: Philosophy 200; or consent of lecturer.

SYSTEMATIC AND ADVANCED COURSES

400. ETHICS AND PHILOSOPHY OF POLITICS (Full course).

Reading:

(1) Moore, *Principia Ethica;* Stevenson, *Ethics and Language;* Hare, *The Language of Morals;* Lewis, *The Ground and Nature of the Right.*

(2) Plato, *Crito*, *Gorgias*, *Republic*, *Statesman;* Aristotle, *Politics;* Thomas Aquinas, selected portions from the *Summa Theologica* and the *Summa contra Gentiles;* Machiavelli, *The Prince* and *Discourses* (New York 1940); Locke, *The Second Treatise of Civil Government*, and *A Letter on Toleration* (Oxford 1946); Kant, *Perpetual Peace;* Hegel, *Philosophy of History* (Scribner) and *Philosophy of Right* (Oxford 1942); Mill, *On Liberty* and *Considerations on Representative Government* (Oxford 1946); M. Oakeshott, *The Social and Political Doctrines of Contemporary Europe* (Cambridge 1944).

3 hours. *Professors Miller and Klibansky*

Prerequisite: Philosophy 300. Honours students from other departments may be admitted with the consent of the lecturers.

410. PROBLEMS OF LOGIC, EPISTEMOLOGY, AND METAPHYSICS (Full course).

(*a*) An examination of fundamental problems of logic, theory of knowledge, and metaphysics will be made on the basis of selected readings in the works of Kant, Husserl, Cassirer, as well as of Russell and some other contemporary authors.

(*b*) The philosophy of Whitehead.

3 hours. *Professors Klibansky and Henderson*

Prerequisites: Philosophy 200, 310 or 350 or 360.

420. SEMINAR ON THE PHILOSOPHY OF KANT (Full course)

3 hours. *Professor Currie*

1958-59: Kant's Theory of Morals, Politics and Religion.

Reading: The Critique of Practical Reason (trans. L. W. Beck); *The Critique of Judgment* (trans. J. H. Bernard); *The Philosophy of Kant* (Carl J. Friedrich).

(*1959- 0:* Kant's Theory of Knowledge.)

440. SEMINAR ON PHILOSOPHY—I (Full course).

Subject for 1958-59: Issues in Contemporary Philosophy.

3 hours. *The Staff*

Reading: to be announced.

Prerequisites: See note following course 450.

450. SEMINAR ON PHILOSOPHY—II (Full course).

Philosophy of History.

3 hours. *Professor Currie*

An examination of the nature of historical knowledge. Basic concepts and their philosophical implications. The logical and metaphysical character of modern interpretations of the meaning of history.

Prerequisites: The above seminar courses (i.e. 440 and 450) are open to Fourth year Honours and Graduate students; or may be taken with special consent of the lecturer.

HONOURS COURSES

Full Honours students will take at least the following courses:

Second year: Philosophy 200, (300).

Third year: Philosophy, 300, 310, 350 and 360.

Fourth year: Philosophy, 400, 410 and 420.

Full Honours students are advised to take Philosophy 200 and 300 in the Second year.

At the conclusion of the Fourth year, there is a comprehensive examination on the total work done in the field of Philosophy, which will take the place of examinations in the courses of that year. For Full Honours

students the examination will consist of three papers; one in the history of philosophy, one in ethics, and one in systematic philosophy (logic, epistemology, and metaphysics). Students pursuing a Joint Honours course will take two of the papers, the selection being made in accordance with the combined subject-matter of their course of study. The examination will presume a knowledge of the major classical works in each of these fields, some of which may not be dealt with in any lecture course or seminar.

JOINT HONOURS

The following courses in Joint Honours may be taken:

Economics and Philosophy (see under Department of Economics and Political Science).

English and Philosophy (see under Department of English).

French and Philosophy (see under Department of Romance Languages).

German and Philosophy (see under Department of German).

Greek and Philosophy (see under Department of Classics).

History and Philosophy (see under Department of History).

Latin and Philosophy (see under Department of Classics).

Mathematics and Philosophy (see under Department of Mathematics).

Philosophy and Political Science.

2nd year: Philosophy 200 and 300, Political Science 211H, Economics 211H (*Note:* Philosophy 300 may be taken in the Third year if desired).

3rd year: Philosophy 350 or 360, Political Science 311.

4th year: Philosophy 350 and 360 (whichever not taken before), Philosophy 400, Political Science courses 353b, 351, and 411a.

At the end of the Fourth year, students taking Joint Honours in Philosophy and Political Science will write a Final Honours Comprehensive Examination consisting of the following papers:

Ethics and Political Philosophy,

The History of Philosophy,

Major Paper in Political Science,

Special Subject in Political Science.

CONTINUATION COURSES

Students interested in studying Philosophy in conjunction with other subjects are advised to take their selected courses in Philosophy in the sequences indicated below in connection with the other studies.

1. Philosophy with one or more studies in the social sciences, e.g., economics, history, politics, psychology, and sociology:
   Philosophy 200, 300, 310, 330, 350, 400.

2. Philosophy, with one or more studies in the natural sciences, e.g., biochemistry, botany, chemistry, genetics, physics, zoology:
   Philosophy 200, 310, 360, 410.

3. Philosophy with studies in English or Foreign Literature:
   Philosophy 200, 300, 320, 330, 350, 360.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

PHYSICS

Professors	G. A. Woonton, *Chairman*
	J. S. Foster
	J. S. Marshall
Associate Professors	R. E. Bell
	K. L. S. Gunn
	W. F. Hitschfeld
	W. M. Martin
	Anna I. McPherson
	E. R. Pounder
	F. R. Terroux
	H. G. I. Watson
Assistant Professors	C. R. Crowell
	T. W. R. East
	J. F. Mathison
	E. J. Stansbury
Lecturers	M. L. de Angelis
	M. P. Langleben
	G. V. Marr
	W. M. Telford

Senior Demonstrators

V. M. FORBES
E. V. HARKNESS
E. L. MORRISON
L. TRIJTEL
F. H. WEBB

FIRST YEAR COURSES*

11. GENERAL COURSE (Full course). A general course covering the elementary portions of mechanics, sound, heat, magnetism, electricity, light, and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work, and numerical examples.

3 hours. *Professors Gunn and Hitschfeld and Dr. Marr*

Laboratory (11L): 2 hours *Professor McPherson and Demonstrators*

Texts: Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath); *An Elementary College Course in Experimental Physics* (Renouf).

111. MECHANICS AND ELECTRICITY (Fac.Eng.1311) (Full course).** An introductory course covering the elementary portions of mechanics, magnetism, electricity, and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work, and numerical examples.

3 lectures per week, session.† *Professors Martin, Bell, Mathison and East*

Laboratory, 2 hours per week, session. *Professor McPherson*

Texts: Marshall & Pounder, *Physics* (Macmillan); *An Elementary College Course in Experimental Physics* (Renouf Publishing Co.)

SECOND YEAR COURSES‡

22a. HEAT (Fac. Eng. 1320) (Half course). Temperature, kinetic theory, heat engines, throttling, evaporation hygrometry, heat transfer, radiation, and expansion.

---

*These courses may be taken in the Second or Third years by *B.A.* or *B.Com.* students provided that their timetables permit.

**Physics 111 along with Physics 22a and Physics 22b constitute a two-year survey course. Physics 111 is intended to be taken only by students who plan no further courses in Physics after Physics 22a and 22b. All other first year students should register for Physics 11.

†Voluntary tutorials are provided to assist students in 111.

‡Courses 22, 23, 24 or 25 may be taken by B.A. or B.Sc. students (general course) in their Third year provided that their timetables permit. Courses 23, 24, or 25 may be taken by B.A students in their Fourth year provided that their timetables permit.

First term: 3 hours.

Professors Marshall, Stansbury, McPherson and Dr. Langleben

Laboratory (22aL): 2 hours.

Professors Terroux and McPherson and Demonstrators

Prerequisite: Physics 11 or 111.

Texts: Marshall & Pounder, *Physics* (Macmillan), *Heat, Light and Sound Laboratory Manual* (Renouf).

22b. SOUND AND LIGHT (Fac. Eng. 1322) (Half course). Simple harmonic motion, waves, interference, moving sources, diffraction, vibrating systems, intensity level, audibility, musical scales, and acoustics. Waves and rays, lenses and mirrors, aberrations, the eye, optical apparatus, illumination, interference, polarized light. The wave theory developed in sound is used for light.

Second term: 3 hours.

Professors Marshall, Stansbury, McPherson and Dr. Langleben

Laboratory (22bL): 2 hours.

Professors Terroux and McPherson and Demonstrators

Prerequisite: Physics 11 or 111.

Texts: Marshall and Pounder, *Physics* (Macmillan); *Heat, Light and Sound Laboratory Manual* (Renouf).

23. ELECTRICITY AND MAGNETISM (Fac. Eng. 1340, 1344) (Full course). The fundamentals of magnetism, electrostatics, current electricity, electromagnetic induction, electrodynamics, theory of simple circuits, elementary electronics. Demonstrations, applications, and numerical examples are emphasized. The laboratory course is essential and complementary to the lectures, illustrating main principles and providing a thorough introduction to the theory and use of common electrical apparatus.

2 hours and one tutorial — *Professors Pounder, Crowell and Woonton*

or 2 hours and 23H* — *Professor Watson*

Laboratory (23L) 3 hours.

Professors Pounder and Watson and Demonstrators

Prerequisite: Physics 11. Mathematics 224 or 225 to be taken concurrently.

---

*In the case of Honours students, the tutorials are replaced by supplementary lectures (23H) on the more advanced parts of this course, including, in particular, the properties of electric and magnetic fields. (No examination is required on this part of the course.)

Text: Ward, *Introduction to Electrical Engineering* (Prentice-Hall).

Reference books: Signal Training Manual, Vol. II, Part I, Electricity and Magnetism (H.M. Stationery Office); Page, *Lessons in Electricity* (Macmillan); Brown, *Electricity and Magnetism* (Holt); Starling, *Electricity and Magnetism* (Longmans Green); Sears, *Electricity and Magnetism* (Addison-Wesley). Shortley and Williams, *Physics Vol. II* (Prentice-Hall).

23X. ELECTRICITY AND MAGNETISM (Half course). Same as course 23 without laboratory work.

2 hours and 1 tutorial. *Professor Pounder*

24. DYNAMICS (Half course). Kinematics, vectors, motion under gravity, laws of motion, applications, impulse, work and energy in linear motion and rotation, projectiles, collision of elastic bodies, normal accelerations, simple harmonic motion, wave motion, pendulum, moments of inertia. Students are required to work a large number of problems. (Elementary applications of calculus are included.)

First term: 1 hour. Second term: 2 hours. *Professor Terroux*

Prerequisite: Physics 11.

Text: Loney, *Statics and Dynamics* (C.U.P.).

25. STATICS AND HYDROSTATICS (Half course). Statics of particles and rigid bodies acted on by forces in one plane, centre of gravity, friction, funicular polygon, virtual work. Fluid pressure, specific gravity, centre of pressure. Hooke's law and elements of elasticity, bending of beams and struts. Solutions of numerous problems by graphical and analytical methods required. (Elementary applications of calculus are included.)

First term: 2 hours. Second term: 1 hour. *Professor Hitschfeld*

Prerequisite: Physics 11.

Text: Short, *Elementary Statics* (Oxford University Press).

27b. ASTROPHYSICS. (Half course). Elementary review of the determination of the positions, sizes, motions and temperatures of the stars. Spectroscopy as applied to the problems of astrophysics. Practice measurements and analysis of typical stellar spectrograms.

Second term: 2 hours, laboratory (27L): 2 hours. *Professor McPherson*

Prerequisite: Physics 11.

Reference books: Russel, Dugan and Stewart, *Vols. I, II, Astronomy* (Ginn); Aitken, *The Binary Stars* (Univ. of California Pub.)

THIRD YEAR COURSES*

31. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS (Mathematics 331.) (Fac. Eng. 1368) (Full course).

(*a*) Dynamics of a particle in one and two dimensions, motion of pair of particles, introduction to dynamics of rigid bodies, mass systems.

First term: 3 hours. *Professor Terroux*

Texts: Lamb, *Statics* (C.U.P.); Lamb, *Dynamics* (C.U.P.).

Reference books: Synge and Griffith, *Principles of Mechanics* (McGraw-Hill); Slater and Frank, *Mechanics* (McGraw-Hill). Lindsay, *Physical Mechanics* (Van Nostrand).

(*b*) Central orbits and scattering problems. Lagrangian and Hamiltonian equations. Rotations. Motion of rigid bodies, principal axes and moments of inertia. Normal modes of vibration and characteristic frequencies of oscillating systems, with applications to atomic and molecular physics.

Second term: 3 hours. *Professor E. L. Lomon (Mathematics)*

Text: Slater and Frank, *Mechanics* (McGraw-Hill).

Reference books: Goldstein, *Classical Mechanics* (Addison Wesley); Corben and Stehle, *Mechanics* (Wiley).

Prerequisite to both parts: Physics 24, 25; Mathematics 225.

32. PROPERTIES OF MATTER (Fac. Eng. 1366) (Half course). The standard properties of matter—elasticity, gravitation, surface tension and viscosity—are studied in both lectures and laboratory. A few lectures are devoted to errors in measurement and their treatment.

1 hour; laboratory (32L): 3 hours. *Professor Gunn*

Prerequisite: Physics 11, 24, 25; Mathematics 224 or 225.

Reference books: Smith, *General Properties of Matter* (Arnold); Newman and Searle, *General Properties of Matter* (Benn); Beers, *Introduction to the Theory of Error* (Addison-Wesley).

---

*Courses 31 to 35 may be taken by qualified general course students in the fourth year, if timetable permits. General course students of the Third and Fourth years may attend courses 31, 33, or 34, *only* if they have obtained at least second class standing in the respective prerequisites to these courses.

33. ELECTRONICS CIRCUITS AND INSTRUMENTS (Half course). Theory and application of electronic devices with emphasis on the instruments used in scientific research.

1 hour; Laboratory (33L), 2 hours. *Professor Bell*

Prerequisite: Physics 23.

Reference Books: Terman, *Electronic and Radio Engineering, 4th Ed.* (McGraw-Hill); Cruft Laboratory Staff, *Electronic Circuits and Tubes* (McGraw-Hill); Valley and Wallman, *Vacuum Tube Amplifiers* (McGraw-Hill); Chance et al., *Waveforms* (McGraw-Hill).

34. HEAT AND THERMODYNAMICS (Fac. Eng. 1342) (Full course). Thermodynamic systems and variables. The zeroth, first and second laws. The thermodynamics of: heat engines; two-phase systems, including a statement of the third law; thermoelectricity; Joule-Thomson effect; thermionic emission; thermal radiation. Kinetic theory of gases, introduction to statistical mechanics.

2 hours. *Professor Hitschfeld*

Prerequisites: Physics 22a and Mathematics 224 or 225.

Text: Sears, *Introduction to Heat, Thermodynamics, Kinetic Theory and Statistical Mechanics* (Addison-Wesley)

Reference books: Zemansky, *Heat and Thermodynamics* (McGraw-Hill); Hoare, *Textbook of Thermodynamics* (Longmans Green); Sir James Jeans, *Kinetic Theory of Gases* (C.U.P.); Worthing and Halliday, *Heat* (Wiley).

35a. ELECTRON PHYSICS (Fac. Eng. 1362) (Half course). Charge and mass of the electron. The electron as a constituent of matter: atomic structure; electrons in metals and insulators. Liberation of electrons from matter; thermionic emission, secondary emission, photoelectric emission, ionization processes, electrical discharges in gases. Control of free electrons: electron ballistics, electron optics. Wave characteristics of the electron; electron diffraction. Applied electronics: cathode-ray oscillograph, X-ray tubes, electron microscope, radio-tubes.

First term: 2 hours. *Professor Pounder*

Prerequisite: Physics 23.

Reference books: Stranathan, *The Particles of Modern Physics* (Blakiston); Millman and Seely, *Electronics* (McGraw-Hill); Richtmyer and Kennard, *Introduction to Modern Physics* (McGraw-Hill).

36. ADVANCED LIGHT (Fac. Eng. 1364) (Full Course). The essentials of geometrical and physical optics with advanced laboratory work. Electromagnetic theory, interference, diffraction, polarization, simple spectrum

analysis, determination of fine structure of spectral lines, Zeeman effect, theory and use of optical apparatus (e.g., glass and quartz spectographs, Lummer plates, interferometers, and polarimeters).

First term: 2 hours. Second term: 1 hour. Laboratory (36L): 3 hours (session). *Professor McPherson*

Prerequisites: Physics 11, Mathematics 224 or 225.

Reference books: Morgan, *Introduction to Geometrical and Physical Optics* (McGraw-Hill); Robertson, *Physical Optics* (Van Nostrand); Wood, *Physical Optics* (Macmillan); Jenkins and White, *Fundamentals of Optics*, (McGraw-Hill); Hardy and Perrin, *The Principles of Optics* (McGraw-Hill).

FOURTH YEAR COURSES

41. MATHEMATICAL PHYSICS (Mathematics 441) (Fac. Eng. 1390) (Full course). Vibration problems, eigenfunctions and eigenvalues, sound waves, scattering problems. Fourier transforms and application to problems of heat heat conduction and diffusion. Introduction to statistical mechanics and wave mechanics.

3 hours. *Professor P. R. Wallace (Mathematics)*

Prerequisite: Mathematics 333.

Reference books: Margenau and Murphy, *The Mathematics of Physics and Chemistry* (McGraw-Hill); Coulson, *Waves* (Oliver and Boyd); Lindsay, *Concepts and Methods of Theoretical Physics* (Van Nostrand); Joos, *Theoretical Physics* (Blackie); Sommerfeld, *Partial Differential Equations* (Academic Press); Born, *Atomic Physics* (Blackie); Menzel, *Mathematical Physics* (Prentice-Hall).

42. ELECTROMAGNETIC THEORY (Fac. Eng. 1388) (Half course). Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials, electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics: skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennae.

First term: 2 hours. Second term: 1 hour. *Professor Stansbury*

Prerequisites: Physics 23 and Mathematics 333.

Text: Slater and Frank, *Electromagnetism* (McGraw-Hill).

Reference book: Ramo and Whinnery, *Fields and Waves in Modern Radio* (Wiley).

43. ATOMIC PHYSICS (Fac. Eng. 1382) (Full course). Atoms, molecules and quanta; optical spectroscopy and classification of spectral lines; thermal radiation and the origin of the quantum theory; the nuclear atom and the Bohr theory of the hydrogen spectrum; Bohr-Sommerfeld quantization; further details of atomic spectra, the vector model, Zeeman effect; the periodic table; X-rays.

The advent of quantum mechanics, the uncertainty principle, the exclusion principle; the Schroedinger equation and some applications. Molecular spectra; microwave spectroscopy. Some current topics in atomic physics.

2 hours; laboratory (43L), 3 hours. *Professor Martin and Dr. Telford*

NOTE: *The first half of this course, 43a, may be taken as a half course.*

Prerequisite: Physics 35a.

Reference books: Peaslee, *Elements of Atomic Physics* (Prentice-Hall); Richtmeyer and Kennard, *Introduction to Modern Physics* (McGraw-Hill); Sawyer, *Experimental Spectroscopy* (Prentice-Hall); Herzberg, *Atomic Spectra and Atomic Structure* (Dover); Slater, *Modern Physics* (McGraw-Hill).

44b. RADIOACTIVITY. (Fac. Eng. 1392) (Half course.) The phenomena of radioactive disintegration and the laws of transformations of successive products. The nature and properties of the radiations, methods of detection and of measurement. Mechanisms of absorption and scattering. Neutrons, positrons, and the constitution of nuclei. Methods of producing artificial disintegrations and their products. Introduction to nuclear physics.

Second term: 2 hours; laboratory (44L), held with 43L, second term.

Professor Terroux

Prerequisite: Physics 35a.

Reference books: Rutherford, Chadwick, and Ellis, *Radiations from Radioactive Substances* (C.U.P.); Hevesy and Paneth, *A Manual of Radioactivity* (C.U.P.); Cork, *Radioactivity and Nuclear Physics* (Van Nostrand); Lapp and Andrews, *Nuclear Radiation Physics* (Prentice-Hall); Semat, *Introduction to Atomic and Nuclear Physics* (Rinehart); Kaplan, *Nuclear Physics* (Addison-Wesley).

47a. APPLIED GEOPHYSICS. (Fac. Eng. 1360.) (Half course.) An introduction to geophysical methods of prospecting and of investigating subsurface structure. The theories, the uses, and the limitations of various magnetic, electrical, gravitational, and seismic methods are explained and compared. The practical operation of the instruments is reviewed,

and actual field results are obtained and analysed. When possible, students will be given some practical experience in the field. Laboratory facilities are available.

First term: 2 hours. *Professor Watson*

Prerequisite: Physics 23.

Text: Eve and Keys, *Applied Geophysics, 4th ed.* (Cambridge Univ. Press) Dobrin, *Introduction to Geophysical Prospecting* (McGraw-Hill).

Reference books: Heiland, *Geophysical Exploration* (Prentice-Hall); Jakosky, *Exploration Geophysics* (Trija Publishing Company).

48. ELECTRICAL MEASUREMENTS (Fac. Eng. 1384) (Full course). D-C-instruments and measurements, complete galvanometer theory, in. strument calibration; A-C. circuit theory, operational methods, applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

First term: 1 hour. Second term: 2 hours. Laboratory 3 hours (session). *Professor Watson and Mr. deAngelis*

Prerequisite: Physics 23.

Texts: Stout, *Basic Electrical Measurements* (Prentice-Hall); Harris, *Electrical Measurements* (Wiley).

Reference books: Law, *Electrical Measurements* (McGraw-Hill); Hague, *Alternating Current Bridge Methods* (Pitman); Harnwell, *Principles of Electricity and Electromagnetism* (McGraw-Hill); Campbell and Childs, *The Measurement of Inductance, Capacitance, and Frequency* (Macmillan).

HONOURS COURSE IN MATHEMATICS AND PHYSICS

Prerequisite: High standing in First year Mathematics, Physics 11 or 21 or 22. First Year students intending to take this Honours course are advised to take Physics 22 and Mathematics 113, if their time table permits; in this case they should also attend that part of Physics 11 which deals with electricity and magnetism.*

Second year: Mathematics 225, 226, 227a, 227b; Physics 23, 24, 25. (One other approved course may be added as an extra.)

Third year: Mathematics 333, 334; Physics 31, 32, 33, 34, 35a, 36.

Fourth year: Mathematics 442a, 441, 444, 446a or 448b; Physics 42, 43, 44b, 48.

*Students should refer to the Physics Department Office before registering for Physics 22.

Third and Fourth year Honours students are advised to attend the Physical Society and colloquia.

It is recommended that a reading knowledge of scientific French and German should be obtained before the end of the Fourth year.

OPTIONS IN THE HONOURS COURSE IN MATHEMATICS AND PHYSICS

(1) Applied Mathematics Option

Second year: (As indicated above.)

Third year: Mathematics 228a, 333, 334; Physics 31, 33, 34, 35a, 36.

Fourth year: Mathematics 342a, 441, 444, 446a, 448b, 449b; Physics 42, 43, 44b.

(NOTE:—Physics 31 = Mathematics 331; and Physics 41 = Mathematics 441. "Physics 31" and "Mathematics 441" should, however, be used in all forms and records.)

(2) Engineering Option

Subject to the approval of the Chairmen of the Departments of Physics, Mathematics, and Electrical Engineering, Honours students in Mathematics and Physics who desire some training in Engineering may substitute Electrical Engineering courses 460 and 462 for Physics 32 and 36 in the Third year; these two courses would then be taken in their Fourth year instead of one full or two half Mathematics courses. The summary of the courses for students taking this option would then be as follows:

Third year: Mathematics 333, 334; Physics 31, 33, 34, 35; Electrical Engineering 460, 462.

Fourth year: Mathematics 441, 444; Physics 32, 36, 42, 43, 44, 48.

A student taking this option is eligible to receive the B.Sc. degree with Honours in Mathematics and Physics, and in a Fifth year he may proceed towards an M.Sc. degree by taking further courses in Physics and Electrical Engineering.

Note:—The above option corresponds to the course formerly known as the Engineering Physics division of the Honours Course in Mathematics and Physics. See the Announcement of the Faculty of Engineering for data concerning the course in Engineering Physics offered to students in Engineering.

(3) Meteorology Option

Students intending to proceed later with advanced or graduate training in Meteorology, may, with the approval of the departments concerned, substitute Geography 414a, 414b (Meteorology) (see page 1082) for one

full or two half courses in Fourth year Mathematics. (Unless otherwise arranged, and also approved by the Mathematics Department, Mathematics 444 would be retained as in the Engineering option given above, but Geography 414 would be taken in the Fourth year and there would be no change in the Third year.)

(4) Other Options

Subject to the approval of the departments concerned, other alternative options may be substituted, as in the case above, for one of the Mathematics courses.

JOINT HONOURS

Physics and Geology: See under Department of Geological Sciences.

Physics and Physiology:

First year: Mathematics 113; Physics 22; Chemistry 11; Biology 100, English 100, 100C.

Second year: Physics 23, 24; Chemistry 22, 24; Mathematics 225; Anatomy 1a or Zoology 322a.

Third year: Physiology 31, 32; Physics 31, 33, 48; Mathematics 333; Biochemistry 31.

Fourth year: Physics 32, 41, 43, 44b; Physiology 41, 41L.

CONTINUATION COURSES

Second year: Physics 22 or other courses as listed for the Third year, below, by special permission.

Third year: Physics 23, 24, 25, 27b or other courses by departmental permission.

Fourth year: Physics (32, 35a), (43a, 44b), (35a, 47), (35a, 44b) or other courses by departmental permission.

Students selecting Physics as a Continuation Subject must also select Mathematics 224 or 225, and later (337a, 337b).

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

PHYSIOLOGY

Professors	F. C. MacIntosh, *Chairman* A. S. V. Burgen
Associate Professors	B. D. Burns H. Garcia-Arocha
Assistant Professors	Simon Dworkin Bernice Grafstein Paul Sekelj Kathleen G. Terroux
Lecturers	J. Q. Bliss G. C. Salmoiraghi

200. PHYSIOLOGY. The Biology of Man.
An account of the structure and functions of the human body, from the standpoint of the medical sciences, intended mainly for students who are not speclializing in biology.

3 hours, including demonstrations. *Professor Garcia*

No prerequisites. The course may not be taken earlier than the Second year, and does not count as prerequisite for other courses in Physiology or for Biochemistry 31. A student may not take for credit both Physiology 200 and Physiology 22, or Physiology 200 and Biology 100.

22. ELEMENTARY PHYSIOLOGY. (Full course.) For Second and Third year Arts and Science students and students in the School of Physical and Occupational Therapy and the School for Graduate Nurses. An account of general physiological principles, combined with an introduction to basic techniques, intended primarily for students who will specialize in the biological sciences.

2 hours and 3 hours laboratory. *Professor Terroux*

Prerequisites: Chemistry 11, Physics 11, Biology 100, Chemistry 22a, and Zoology 221 (the last two may be taken concurrently with Physiology 22).

Texts: Bell, Davidson, and Scarborough, Textbook of Physiology and Biochemistry, or Winton and Bayliss, Human Physiology.

31. HUMAN PHYSIOLOGY. (One and one-half courses.) This course is similar to the First year medical course in physiology, but omits lectures on the nervous system and the special senses.

3 hours lecture, 3 hours laboratory, and seminar. *Professor Grafstein*

Prerequisite: Physiology 22; Physiology 32 must be taken concurrently.

By special permission, students may be admitted who have achieved high standing in the courses prerequisite for Physiology 22 but have not taken that course.

32. PHYSIOLOGY OF THE NERVOUS SYSTEM (Half course). The peripheral and the central nervous system, skeletal muscle and neuromuscular transmission, and the special senses.

1 hour, and demonstrations, throughout the session. *Professor Grafstein*

Prerequisite: Physiology 22. By special permission, students may be admitted who are not taking Physiology 31 concurrently.

41. ADVANCED GENERAL PHYSIOLOGY (Full course). The action of drugs on tissues; cell structure, permeability, and ion transport; secretory mechanisms.

First term: 3 hours, 8 hours laboratory, and seminar. *Professor Burgen*

Prerequisites: Physiology 31 and 32.

42. ADVANCED MAMMALIAN PHYSIOLOGY (Full course). Circulation, respiration, properties of excitable tissues, nervous system.

Second term: 3 hours, 8 hours laboratory, and seminar. *Dr. Bliss*

Prerequisites: As for Physiology 41.

43a. PHYSIOLOGICAL INSTRUMENTATION (Half course).

First term: 2 hours, and 3 hours laboratory. *Professor Sekelj*

Prerequisites: Physiology 31 and 32, Physics 23.

43b. SELECTED TOPICS IN PHYSIOLOGY (Half course).

Second term: 2 hours, and experimental project. *Professor Burns*

Prerequisites: Physiology 31 and 32.

HONOURS COURSE IN PHYSIOLOGY

Students are normally admitted to Honours at the beginning of the Third year, on the basis of high standing in Physiology 22 and the other prerequisite courses. In exceptional cases, students who have not taken Physiology 22, but have completed the other prerequisite courses, may also be admitted to Honours at the beginning of the Third year: such students will then begin their study of Physiology with Physiology 31 and 32.

First year: Physics 11, Chemistry 11, Biology 100.

Second year: Physiology 22, Zoology 221, Chemistry 22a and b, and either one or two of Chemistry 24, Physics 23, or Mathematics 224.

Third year: Physiology 31 and 32, Biochemistry 31, Physics 23 (if not already taken), and either one or two of Biochemistry 32, Chemistry 24, Mathematics 224, Zoology 322a.

Fourth year: Physiology 41, 42, 43a, and 43b, and two courses from Biochemistry 32, 43, 45, Physics 22, 35a, 44b, Chemistry 24, Zoology 322a, Anatomy 1a, Genetics 44.

JOINT HONOURS COURSE IN PHYSICS AND PHYSIOLOGY: See under Department of Physics.

PSYCHOLOGY

Professors — D. O. HEBB, *Chairman*; G. A. FERGUSON

Associate Professor — DALBIR BINDRA

Assistant Professors — WOODBURN HERON; W. E. LAMBERT; P. M. MILNER; M. S. RABINOVITCH

Lecturers — HELEN MAHUT; MURIEL STERN

APPLIED PSYCHOLOGY CENTRE

Professor — E. C. WEBSTER, *Director*

Assistant Professors — W. N. MCBAIN; E. G. POSER

Lecturer — BLOSSOM WIGDOR

Students interested in applied psychology (industrial, clinical, vocational guidance, etc.) should note that the undergraduate curriculum is not sufficient to prepare them for professional work. They will need an Honours degree or its equivalent, followed by a year at least of graduate study. Such students should consult Dr. Webster in planning their undergraduate course.

21. INTRODUCTION TO PSYCHOLOGY. Second year. (Full course.) A biologically oriented outline of the modern approach to psychology. 2 hours and one weekly conference. *Professor Hebb and Dr. Stern*

Prerequisite to all further courses in Psychology except Course 22.

22a or b. PSYCHOLOGICAL STATISTICS. Second or Third year. (Half course.) The statistical analysis of psychological data; frequency distributions; graphic representation; measures of central tendency and variability; elementary probability theory; the normal probability curve; simple correlation methods; elementary sampling theory and tests of significance.

First and second terms: 3 hours. *Professor Ferguson and* ————

31a. PHENOMENA OF PERCEPTION AND LEARNING. Third or Fourth year. (Half course.) Introduction to laboratory instruments and procedures in which the student will investigate established phenomena of perception and learning.

First term: 1 hour; 4 hours laboratory. *Professor Milner*

Required of all Third year Honours students; open to general students only with the instructor's consent.

31b. EXPERIMENTAL METHODS (HUMAN). Third or Fourth year. (Half course.) The student will be required to carry out an experimental project in some field of psychological investigation.

Second term: 1 hour; 4 hours laboratory. *Professor Lambert and Staff*

Required of all Third year Honours students; open to general students only with the instructor's consent.

33. DEVELOPMENT PSYCHOLOGY. Third year. (Full course.) Thedevelopment of human behaviour from early prenatal stages to adolescence, with attention particularly to motor behaviour, language, intelligence, emotion, personality and social behaviour.

3 hours. *Professor Rabinovitch*

34a. THEORY OF MOTIVATION. Third year. (Half course.) Facts and theories of emotion and motivation.

First term: 2 hours and one weekly conference. *Professor Bindra*

34b. HUMAN MOTIVATION. Third year (Half course). A detailed consideration of the special methods employed in the study of human motivation, and a critical evaluation of current views of normal and abnormal personality.

Second term: 2 hours and one weekly conference. *Professor Bindra*

35a. HUMAN ABILITY. Third year. (Half course.) An introduction to the description and theory of human ability, its correlates and the role of learning and heredity in its formation; factors producing changes in ability; sex, race and socio-economic differences.

First term: 3 hours. *Professor Ferguson*

36. THE COMPARATIVE STUDY OF BEHAVIOUR. Third or Fourth year. (Full course.) An advanced general course, primarily for the student in biology, dealing with such topics as intelligence, motivation, and social behavior in animals, from an evolutionary point of view.

3 hours. *Dr. Mahut*

Prerequisite: Psychology 21, and preferably a course in Zoology.

37. LABORATORY, COMPARATIVE. Third or Fourth year. (Half course.) Laboratory to accompany Course 36. 50 hours laboratory work concentrated at some time during the term, by arrangement with the instructor.

Prerequisite: Psychology 36, and consent of instructor.

42. SOCIAL PSYCHOLOGY. Fourth year. (Full course.) Theories of social psychology; social aspects of general psychology; nature and development of group membership; social attitudes, their measurement and modification.

3 hours. *Professor Lambert*

43. MODERN PSYCHOLOGY IN HISTORICAL PERSPECTIVE. Fourth year and graduate. (Half course.) Modern theoretical issues, and systematic formulations, considered from the point of view of their origins.

1½ hours in both terms. *Professor Bindra*

44 EXPERIMENTAL PROBLEMS. Fourth year and graduate. (Half course.) Supervised investigation of a special field. Open to fourth year Honours students.

1½ hours in both terms. *Professor Hebb*

46a. PHYSIOLOGICAL PSYCHOLOGY. Third or Fourth year. (Half course.) The relationship of behaviour to the nervous system, particularly with regard to the effect of modern neurophysiological conceptions on psychological theory.

First term: 3 hours. *Professor Heron*

Text: Morgan and Stellar, *Physiological Psychology.*

46b. PHYSIOLOGICAL BASIS OF PERCEPTION. Fourth year and graduate. (Half course.) Consideration of auditory, tactual, and visual phenomena in relation to current knowledge of neural processes.

Second term: 3 hours. *Professor Heron*

47a. INDUSTRIAL PSYCHOLOGY. Fourth year. (Half course.) A critical survey of the applications of psychology to business and industry, with particular reference to the empirical bases of personnel selection and training.

First term: 3 hours. *Professor McBain*

Prerequisites: Psychology 21; Psychology 35a and 22b, or another full course. (The student who lacks Psychology 22a or b must have some knowledge of the statistics of the correlation.)

Text: Ghiselli & Brown, *Personnel and Industrial Psychology* (2nd ed.).

47b. HUMAN RELATIONS IN BUSINESS AND INDUSTRY. Fourth year. (Half course.) An introduction to the study of interpersonal relations, with illustrations drawn from business; discussion of alternative ways of describing and understanding human interaction.

Second term: 3 hours. *Professor McBain*

Prerequisites: Two previous full courses in psychology.

51. METHODS OF TEST CONSTRUCTION. Fourth year and graduate. (Half course.) Methods of measurement, reliability, validity, item analysis, etc. 1½ hours in both terms. *Professor Webster*

HONOURS COURSES

Admission to Honours will normally take place at the beginning of the Third Year, and be determined by the student's standing in Psychology 21, 22a or 22b, and in related subjects. If Psychology 22a has not been taken in the Second year, this deficiency must be made up immediately.

Granting of Honours will not depend on high marks alone, nor on taking a large number of courses in psychology, but on the student's comprehension of psychological principles, knowledge of related fields, and his ability to express himself well. Honours standing will therefore be determined (a) by a comprehensive examination, (b) by a short thesis which will be judged for adequacy of presentation as well as content, and (c) by course standing.

In each of their Third and Fourth years, Honours students will normally take two and a half courses in Psychology and the balance in related fields, including Philosophy as well as the Social and Biological Sciences. For the B.Sc. student a course in Physiology is required, and the prerequisites for it should be taken in the first two years. The B.A. student may take a sequence of Social-Science courses, approved by the Department, in place of Physiology.

CONTINUATION COURSES

Second year: Psychology 21, 22a or 22b.

Third year: *B.A. students:* Psychology 33, 34b, 35a; *B.Sc.*, Psychology 34a, 34b, 36, 37.

Fourth year: *B.A. students:* Psychology 42, 43, 47a, 47b; *B.Sc.*, 43, 46a, 46b.

RELIGION

MEMBERS OF THE FACULTY OF DIVINITY

COURSES OFFERED AS SUBJECTS FOR THE B.A. OR B.SC. DEGREE

RELIGION 1a—BIBLICAL LITERATURE. Third or Fourth year. (Half course.) The purpose is to give the student a critical appreciation of the literary and religious content of the Old Testament, seen in relation to the historical circumstances of its origin in the life of Israel and Judaism. In dealing with the religious context, an attempt will be made to avoid any doctrinal or authoritative interpretations.

First term: three hours. *Professor Frost*

RELIGION 1b—BIBLICAL LITERATURE. Third or Fourth year. (Half course)- An introductory study of the New Testament designed to show the historical beginnings of Christianity in terms of its early expression. The literature will be set in the social and cultural environment of the Graeco. Roman world. The variety of its authorship and composition will be studied in order to show the structure of the Synoptic Gospels, the Pauline and other Epistles, the Johannine Gospel and Epistles. An appreciation will be given of the distinctive, cultural values of the various books.

Second term: 3 hours. *Professor Caird*

RELIGION 2—THE GROWTH AND MEANING OF CHRISTIANITY. Third or Fourth year. (Full course.) The purpose of this course is to present Christianity as an influence on thought and civilization in terms of its own historical development. Beginning with the life and teaching of Jesus, the more significant stages will be studied, particularly with reference to the Graeco-Roman-Judaic world in which Christianity arose, the influence of St. Augustine, the mediaeval order of life, the rise of modern thought, and the expansion of European civilization, with a discussion of the contemporary relevance of Christian ideas to thought and action.

3 hours.

Texts: The New Testament; R. W. Moore, The Furtherance of the Gospel; G. B. Caird, The Truth of the Gospel; Bettenson, Documents of the Christian Church.

RELIGION 3—RELIGION IN THE ORIENT. Third or Fourth year. (Full course.) An introduction to the great religions of the Orient, with special emphasis on one of them. Each year there will be in the first term, after a brief reference to the religion of pre-historic man and of modern "primitive" societies, a prefatory general survey dealing synoptically with each of the main faiths. In the second term, a fuller historical study will be made of

one of the Oriental religions, its teaching, institutions, and cultural achievements, with an attempt to interpret what it means to its adherents. 3 hours.

Professor W. C. Smith

(N.B. These classes are conducted in Divinity Hall. Students intending to take these classes should inquire at the office of the Dean, Divinity Hall, concerning arrangements.)

ROMANCE LANGUAGES

French Section

Professor	J. E. L. Launay, *Chairman of the Department*
Associate Professors	Hélène Larivière Louis d'Hauteserve
Assistant Professors	Yvonne Champigneul Michel Euvrard Marie-Thérèse Reverchon André A. Rigault Tadeusz Romer
Lecturers	G. D. Jackson Maurice Rabotin

Italian Section

Associate Professor	Antonio d'Andrea
Assistant	Pamela Stewart

Spanish Section

Associate Professor	L. B. Harrop
Assistant Professors	Robina E. Henry G. F. Stegen
Lecturer	Monica Harvey
Visiting Lecturer	Enrique Ruiz-Fornells

FRENCH

The Department offers no beginners' courses in French, and French is the only language used in lectures, except in First year composition classes. Students with little knowledge of spoken French will find it necessary to do extra work to acquire some fluency in the language and sufficient aural comprehension. They are advised to attend a session

of the French Summer School before enrolling in a regular French class. The French Summer School also offers McGill B.A. students courses which, in certain circumstances, can be counted for credit in lieu of the regular First or Second year courses offered during the winter session. For further information regarding credit courses in the French Summer School apply to the Secretary of the Department.

Both oral and written examinations are held on each year's work.

The oral examination (in both General and Honours courses) counts for 50 per cent.

Students who intend to take Honours in French in their Second year must take a course in Latin or Greek in their First year.

GENERAL COURSES—

FIRST YEAR COURSES

Students registering for First year French have a choice of two courses:

A *French 11 Advanced.*

This course is open to:

(a) students whose first language is French,

(b) those English-speaking students who have obtained at least 80% in their Junior School Certificate or High School Leaving Certificate or the equivalent diploma which secured their admission to the University.

All students who have registered for *French 11 Advanced* will undergo a test at the beginning of the term and those who do not satisfy the requirements will automatically revert to *French 13 Regular.*

B *French 13 Regular.*

This course is designed:

(a) to supplement previous training in oral-aural comprehension, grammar and vocabulary so that students can proceed to further courses with an adequate linguistic equipment.

(b) to teach the basic facts of French civilization which underlie the development of French literature and fine arts.

11. Advanced. GENERAL SURVEY OF FRENCH CIVILIZATION AND LITERATURE OF THE 18TH AND 19TH CENTURIES; French Composition (Full course). 3 hours. *Professors Champigneul, Larivière and Reverchon*

Texts: Bradley and Michell, *Eight Centuries of French Literature* (Appleton-Century-Crofts); Lévèque, *Histoire de la civilisation française* (Revised edition) (Holt); Daudon, *French in Review* (Harcourt, Brace); Husson, *La cuisine des anges* (Harper); Saint-Exupéry, *Vol de Nuit* (Harper).

13. Regular. GENERAL SURVEY OF FRENCH CIVILIZATION (Geography, History, Arts, Science, Economics and Politics); Composition and Review of French Grammar.

3 hours. *Professors Champigneul, Euvrard, d'Hauteserve, Reverchon, Rigault, Romer, MM. Jackson and Rabotin*

Texts: Carlut-Brée, *France de nos jours* (Macmillan); Moore-Meiden, *Onze contes* (Houghton-Mifflin); Sonet-Shortliffe, *Review of Standard French* (Harcourt, Brace).

Students are required to possess a good French-English and English-French Dictionary. Harrap's *Shorter French-English and English-French Dictionary*, ed. by J. E. Mansion, M.A., is recommended.

SECOND YEAR COURSES

21. SURVEY OF FRENCH LITERATURE FROM THE MIDDLE-AGES TO THE 18TH CENTURY. French composition. (Full course.)

3 hours. *Professors Reverchon and Rigault*

Prerequisite: French 11, or permission of the Chairman of the Department.

Texts: Castex and Surer, *Manuel des Etudes littéraires françaises, Vol. 1 (Moyen-Age, XVIe et XVIIe siècles)* (Hachette); Bradley-Michell, *Eight Centuries of French literature* (Appleton-Century-Crofts); Molière, *L'Avare* (Classiques France, Hachette); Racine, *Andromaque* (Classiques France, Hachette); Whitmarsh-Jukes, *Advanced French Course* (Longmans).

23. INTRODUCTION TO FRENCH LITERATURE FROM THE MIDDLE-AGES TO THE 20TH CENTURY THROUGH THE READING OF REPRESENTATIVE MAJOR WORKS. French composition. (Full course.)

3 hours. *Professors Champigneul, d'Hauteserve, Rigault and Romer; MM. Jackson and Rabotin*

Prerequisite: French 13, or the equivalent.

Texts: Memento de littérature française (prepared by the Department and issued to student); *La Farce de Maître Pathelin;* Molière, *L'Avare;* Voltaire, *Zadig;* Duhamel, *Chronique des Pasquier* (all in Petits Classiques Larousse); Balzac, *Le Père Goriot* (ed. R. L. Sanderson, Heath); Whitmarsh-Jukes, *Advanced French Course* (Longmans).

Readings: Molière, *Le bourgeois gentilhomme;* Flaubert, *Trois contes* (both in Petits Classiques Larousse).

THIRD YEAR COURSES

31 FRENCH LITERATURE OF THE 17TH CENTURY (Full course).
Professor Larivière
3 hours.

Prerequisite: French 21 or 22 or 23.

Texts: Castex and Surer, *Manuel des Etudes littéraires françaises: XVIIe siècle* (Hachette); Peyre and Grant, *Seventeenth Century French Prose and Poetry* (Heath); Seronde and Peyre, *Nine Classic French Plays* (Heath).

Readings: Corneille, *Le Cid* and *Horace;* Racine, *Andromaque* and *Phèdre;* Molière, *L'Ecole des Femmes* and *Tartuffe;* Pascal, *Pensées;* Bossuet, *Oraison Funèbre d'Henriette d'Angleterre;* Mme de Sévigné, *Lettres choisies;* La Fontaine, *Fables choisies;* Mme de La Fayette, *La Princesse de Clèves.*

32. FRENCH LITERATURE OF THE 18TH CENTURY (Full course).
Professor Reverchon
3 hours.

Prerequisite: French 21, 22 or 23.

Texts: Castex and Surer, *Manuel des Etudes littéraires françaises:* XVIIIe *Siècle* (Hachette); A. Schinz, *Eighteenth Century French Readings* (Holt); Marivaux, *Le jeu de l'amour et du hasard* (Heath); Voltaire, *Candide* (Holt); Beaumarchais, *Le Barbier de Séville* (Holt).

Readings: Lesage, *Gil Blas* (Extraits); Montesquieu, *Les Lettres persanes;* Voltaire, *Les Lettres philosophiques;* Diderot, *Le Neveu de Rameau;* Beaumarchais, *Le Mariage de Figaro;* Rousseau, *Confessions* (Extraits).

FOURTH YEAR COURSES

41. MODERN FRANCE—GEOGRAPHICAL OUTLINE—POLITICAL, SOCIAL, AND ECONOMIC ASPECTS OF FRENCH LIFE, SINCE 1870 (Full course). (*Open also to Third year students with a good command of spoken French.*)
Professor Launay
3 hours.

As no textbooks are available for this course, an ability to take notes in French is essential.

42. LITERATURE AND SOCIAL IDEAS IN THE 19TH CENTURY (Full course).

Open to Third year students also.
Professor d'Hauteserve
3 hours.

43. FRENCH LITERATURE OF THE 19TH AND 20TH CENTURIES.
3 hours. *Professor Euvrard*

Prerequisite: French 31 or 32.

Texts: Penguin Book of 19th Century French verse; Musset, *Lorenzaccio* (Petits Classiques Larousse); Balzac, *Le Père Goriot* (Nelson); Flaubert, *Madame Bovary* (Garnier); Zola, *Germinal* (Livres de poche); Gide, *La Porte Etroite* (Mercure de France); Castex-Surer, *Manuel des Etudes littéraires françaises: XIXe Siècle* (Hachette).

HONOURS COURSES

22. INTRODUCTORY HONOURS COURSE. Second year (Full course).

(*a*) The French comedy as illustrated by Molière, Beaumarchais, and Musset; (*b*) Special readings in the contemporary French novel; (*c*) Free composition, written and oral, on literary subjects.

3 hours. *Professor Rigault*

With the consent of the Chairman of the Department this course may be taken by General students, instead of French 21.

44a. HISTORY OF THE FRENCH LANGUAGE. Third and Fourth years. To be taken in conjunction with French 44b.

Reference Books: Darmesteter, *Cours de Grammaire historique.* Parts I, II; F. Brunot, *Histoire de la langue française;* Holmes and Schutz, *A History of the French Language* (Farrar & Rinehart).

1 hour. *Professor d'Hauteserve*

(*Given in 1959-60.*)

44b. FRENCH STYLISTICS. Third and Fourth years (Full course). Thought and Expression—intellectual and affective elements of speech with special reference to synonymy. Social and psychological background of words and phrases. Levels of speech.

2 hours. *Professor Launay*

(*Given in 1959-60.*)

45. HISTORY OF THE FRENCH NOVEL. Third and Fourth years (Full course).
3 hours. *Professor Launay*

46. HISTORY OF THE FRENCH LYRICAL POETRY. Third and Fourth years (Full course).
3 hours. *Professor Larivière*

(*Given in 1959-60.*)

47. SURVEY OF CONTEMPORARY FRENCH LITERATURE. Third and Fourth years (Full course).

3 hours. *Professor Larivière*

48. ADVANCED PHONETICS. Third and Fourth years (Half course).

2 hours. *Professor Rigault*

RECOMMENDED COGNATE COURSE

50. LINGUISTICS. Open to Second and Third year students (Full course). An elementary survey of human speech, its nature, origin, structure, and classification; principles of linguistic changes, writing, and the alphabet; universal or auxiliary languages.

3 hours. *Professor C. H. Carruthers (Department of Classics)*

51. ENGLISH 370. Cross-Currents between English literature and the European literature in the 18th century.

A reading knowledge of French is a prerequisite.

3 hours. *Professor S. Klima*

HONOURS COURSES IN FRENCH

Honours in French begin in Second year. Only exceptionally will students be permitted to take Honours Courses in their Third year without having previously passed French 21 or 23, and 22.

All students taking Honours in French are required to take in their Third or Fourth years French 44a, *History of the French Language;* French 44b, *French Stylistics;* and French 48, *Advanced Phonetics.*

Prerequisite: French 11 or 13.

Second year: French 21 or 23, and 22.

Third year: Three full courses (or the equivalent) including at least one full Honours Course.

Fourth year: Three full courses (or the equivalent) including at least one full Honours Course, and courses 44a, 44b, and 48 if not previously taken.

JOINT HONOURS COURSES

B.A. students may combine Honours in French with Honours in any one of the following subjects:

English
German
Latin
Philosophy
Spanish

1. Joint Honours in English and French

See under Department of English.

2. Joint Honours in French and German

First year: French 11 or 13 (or the equivalent) — German 1 (or its equivalent) and 3 other courses

Second year: 2 French courses: 21 or 23, and 22
2 German courses chosen from 3, 4, 5
1 other approved course

Third year: 2½ French courses: 31 and 44(b) or 48 and 45 or 47
2 German courses chosen from: 5, 6, 7, 8, 9, 10, 11, 12

Fourth year: 2½ French courses: 43 and 44(b) or 48 and 45 or 47
2 German courses chosen from 6, 7, 8, 9, 10, 11, 12

3. Joint Honours in French and Latin

First year: French 11 or 13 (or the equivalent)
Latin 100 (or the equivalent)
3 other courses

Second year: 2 French courses: 21 or 23, and 22
2 Latin courses: 221 and 222
1 course chosen from: History 100
Philosophy 200
Linguistics 21

Third year: 2 French courses: 31 and 44 or 45
2 Latin courses: 331 and 332
1 course chosen from: English 335
History 320

Fourth year: 2½ French courses: 43 - 44 or 45 - 48
2 Latin courses: 441 and 442

4. Joint Honours in French and Philosophy

First year: French 11 or 13 (or its equivalent).
4 other courses including one in Latin

Second year: 2 French courses: 21 or 23, and 22
2 Philosophy courses: 200 and 300
1 course chosen from: Linguistics 21
Fine Arts 201

Third year: 2 French courses: 31 and 44 or 47
2 Philosophy courses: 350 and 360
History 320

Fourth year: 2½ French courses: 43 and 44 or 47 and 48
2 Philosophy courses: 400 and 420, or 410 and 440

5. Joint Honours in French and Spanish

First year: French 11 or 13 (or its equivalent)
Spanish 11 (or its equivalent)
3 other courses, including one in Latin

Second year: 2 French courses: 21 or 23, and 23
2 Spanish courses: 21 and 22
1 course chosen from: Linguistics 21
Philosophy 200
History 100

Third year: 2 French courses: 31 or 32 and 44 or 45 or 47
3 Spanish courses: 31, 32 or 43, 33

Fourth year: 2½ French courses: 41 or 43, 44 or 45 or 47, 48
2 Spanish courses: 41 and 42

The Joint Honours programmes are not absolutely rigid and the Language Departments concerned may require a student either to take one extra course to make up for a linguistic deficiency, or to take a more advanced course than the one scheduled for his year if his fluency in any of the foreign languages concerned is better than average.

M.A. COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

ITALIAN

Students who take Italian in order to fulfil the modern languages requirement for the B.A. degree must take Italian 11 and Italian 21 over two separate years.

Two sets of courses are offered in Italian literature:

(a) *Courses given in Italian* (Courses 31 and 41): Intended for B.A. students taking Italian as a continuation subject. Italian 11 and 21 (or their equivalent) will be prerequisite for these courses.

(b) *Courses given in English* (Courses 25a and 25b): These are open to all students, and do not require a knowledge of the Italian language.

11. FIRST YEAR (Full course). Grammar, reading, oral exercises, and composition.

3 hours. *Professor D'Andrea*

Texts: Roncari & Brighenti, *La Lingua Italiana insegnata agli stranieri* (Mondadori); Bormioli and Pellegrinetti, *Letture Italiane per Stranieri*, vol. I (Mondadori); *Il "Piccolo Orlandi", Dizionario Italiano Inglese e Inglese Italiano* (Signorelli).

21. SECOND YEAR. (Full course.) Translation, free composition, conversation, introduction to Italian literature.

3 hours. *Professor D'Andrea*

Texts: Roncari & Brighenti, *La Lingua Italiana insegnata agli stranieri* (Mondadori); Bormioli and Pellegrinetti, *Letture Italiane per Stranieri*, vol. II (Mondadori); Pirandello, *Sei Personaggi in cerca di Autore* (Mondadori); *Il "Piccolo Orlandi", Dizionario Italiano Inglese e Inglese Italiano* (Signorelli).

31. THIRD YEAR—ITALIAN PROSE FROM THE ORIGINS TO OUR TIMES. (Full course.) Readings from selected Italian authors; Italian conversation, composition and elementary stylistics.

3 hours. *Professor D'Andrea*

Texts: E. Donadoni, *Breve Storia della Letteratura Italiana* (Signorelli); A. Fogazzaro, *Piccolo Mondo Antico* (Mondadori); G. Morpurgo, *Le più belle Novelle Italiane;* Migliorini & Chiappelli, *Elementi di Stilistica* (Le Monnier).

41. FOURTH YEAR—ITALIAN POETRY FROM THE ORIGINS TO OUR TIMES. (Full course.) Readings from selected Italian authors; Italian conversation, composition and stylistics.

3 hours. *Professor D'Andrea*

Texts: E. Donadoni, *Breve Storia della Letteratura Italiana* (Signorelli); A. Momigliano, *Antologia della Letteratura Italiana* (Principato); Migliorini & Chiappelli, *Elementi di Stilistica* (Le Monnier).

Readings and selected passages from: I poeti siciliani, I poeti del "Dolce Stil Nuovo", Dante, Petrarca, Pulci, Poliziano, Lorenzo il Magnifico, Boiardo, Ariosto, Tasso, Parini, Manzoni, Foscolo, Leopardi, Carducci, D'Annunzio, Pascoli, Gozzano, Palazzeschi, Corazzini, Ungaretti, Saba, Montale, Quasimodo.

25a. ITALIAN LITERATURE: DANTE AND THE MIDDLE AGES (Half course).

Lectures will be given in English. Students are not required to take language courses as prerequisites.

First term: 3 hours. *Professor D'Andrea*

Texts: The Portable Dante (The Viking Press); R. A. Hall, *A Short History of Italian Literature* (Linguistica).

Reference: H. O. Taylor, *The Medieval Mind* (Macmillan); C. S. Lewis, *The Allegory of Love* (Oxford); U. Cosmo, *A Handbook to Dante Studies* (Oxford).

25b. ITALIAN LITERATURE: THE RENAISSANCE AND MACHIAVELLI (Half course).

Lectures will be given in English. Students are not required to take language courses as prerequisites.

Second term: 3 hours. *Professor D'Andrea*

Texts: Machiavelli, *The Prince and Other Works*, trans. by Allan H. Gilbert (Farrar, Straus); R. A. Hall, *A Short History of Italian Literature* (Linguistica).

Reference: The Renaissance Philosophy of Man (Petrarca, Valla, Ficino, Vico, Pomponazzi, Vives), edited by Cassirer, Kristeller and Randall (Univ. of Chicago Press); W. K. Ferguson, *The Renaissance in Historical Thought* (Houghton Miffin); L. Einstein, *The Italian Renaissance in England* (Columbia University Press); M. Praz, *Machiavelli in England* (Milford).

Italian 25a and *25b* may be taken separately or in combination. If taken in combination, they offer an opportunity to study such major writers as Dante, Petrarca, Boccaccio and Machiavelli. Special emphasis will be placed on the cultural contacts of England and Italy during the Middle Ages and the Renaissance.

SPANISH

Students who take Spanish in order to fulfil the Modern Language requirement for the B.A. degree must take Spanish 11 and Spanish 21 over two separate years. By the Second year, the class is conducted mainly in Spanish. All Third and Fourth year classes are conducted entirely in Spanish. Both oral and written examinations are held on each year's work.

11. FIRST YEAR (Full course). A survey of Spanish grammar. Reading and dictation. Elementary phonetics, Composition. Readings from Spanish and Spanish American authors. Conversation.
3 hours. *Professor Henry and Staff*

Texts: Walsh, *Introductory Spanish* (Norton); Lentz, *A Spanish Vocabulary* (Blackie); Harrop, *Notes on Spanish Pronunciation;* Tirso de Molina, *Los tres maridos burlados* (Oxford); Timms, *Poco a poco* (University of London); Eoff and King, *Spanish American Short Stories* (Macmillan); Timms, *A First Spanish Reader for Adults* (University of London).

21. SECOND YEAR (Full course). Brief introduction to Spanish literature of the Golden Age. Spanish literature 1850-1898. Review of grammar. Free composition. Intermediate phonetics and conversation.
3 hours. *Professor Stegen*

Texts: Tarr and Centeno, *A Graded Spanish Review Grammar and Composition,* Sections I and III (Crofts); Brady and Turk, *Classical Spanish Readings* (Appleton-Century); Harrop, *Notes on Spanish Pronunciation;* Diego Marín, *La vida española* (Appleton-Century-Crofts); Pérez Galdós, *Gloria* (Appleton-Century-Crofts); Palacio Valdés, *La alegría del capitán Ribot* (Heath); Pardo-Bazán, *El tesoro de Gastón* (Holt): José Espinosa, *Coleccion de poemas y refranes espa* (. hrift *oles* Press).

31. THIRD YEAR (Full course). Spanish literature 1800-1898. Free and set composition. Translation. Advanced phonetics and conversation.
3 hours. *Dr. Harvey*

Texts: Tarr and Centeno, *A Graded Spanish Review Grammar and Composition,* Section II (Crofts); Levy, *Present-Day Spanish* (Dryden); Harrop, *Spanish Comprehension Pieces;* Foster, *Spanish Composition* (Norton); Watkins, *An Omnibus of Modern Spanish Prose* (Odyssey); Sánchez, *Nineteenth-Century, Spanish Verse,* Sections I, II, and III (Appleton-Century-Crofts); Alarcón, *El sombrero de tres picos* (Ginn); Palacio Valdés, *Marta y María* (Austral); *Escritores costumbristas* (Ebro); Fernán Caballero, *La gaviota* (Austral); Zorilla, *Don Juan Tenorio* (Austral); Harrop, *Notes on Spanish Pronunciation;* Harrop, *Spanish Phonetic Reader.*

32. SPANISH LITERATURE. Third year (Full course). Some representative great works from 1500 to the present day.
3 hours. *Professor Harrop*

Texts: *Las mil mejores poesías de la lengua castellana* Ed. Bergua, (Biblioteca de Bolsillo); Cervantes, *Don Quijote de la Mancha* (Sopena); Tirso de Molina, *El burlador de Sevilla* (Sopena); Calderón, *El alcalde de Zalamea* (Sopena); Pérez Galdós, *Doña Perfecta* (Contemporánea); Valera, *Juanita la larga* (Sopena); García Lorca, *Bodas de sangre; Libro de poemas; La casa de Bernarda Alba* (Contemporánea); Romancero (Bib. Lit. del Estudiante); Anónimo, *El Lazarillo de Tormes* (Austral); Pereda, *Sotileza* (Austral); Benavente, *Rosas de otoño* (Austral); Laforet, *Nada* (Áncora).

41. FOURTH YEAR (Full course). The Golden Age of Spanish literature. Twentieth century literature in Spain. Free composition. Practice in phonetic transcription. Conversation.

3 hours. *Professor Harrop*

Texts: Sánchez, *Nineteenth-Century Spanish Verse*, Sections IV and V (Appleton-Century-Crofts); Levy, *Present-Day Spanish* (Dryden); Harrop, *Spanish Graded Comprehension Pieces;* Calderón, *La vida es sueño* (Sopena); Lope de Vega, *Fuenteovejuna* (Sopena); Cervantes, *Don Quijote*, Ed. A. Malo (Ebro); M. de Maeztu, *Antología siglo XX* (Austral); Valle-Inclán, *Sonatas* (Austral); R. Pérez de Ayala, *Tigre Juan* (Austral); *El curandero de su honra* (Austral); R. Menéndez Pidal, *Flor nueva de romances viejos* (Austral); *La novela picaresca* (Bib. Lit. del Estudiante); García Lorca, *Yerma* (Contemporánea); Pío Baroja, *El mayorazgo de Labraz* (Austral); Cela, *La familia de Pascual Duarte* (Áncora); Harrop, *Notes on Spanish Pronunciation;* Harrop, *Spanish Phonetic Reader.*

43. SPANISH-AMERICA LITERATURE. Fourth year (Open also to Third year students of Spanish) (Full course).

3 hours. *Professor Harrop*

Texts: Torres-Ríoseco, Antología de la literatura hispano-americana (Crofts); Güiraldes, *Don Segundo Sombra* (Contemporánea); Ciro Alegría, *El mundo es ancho y ajeno* (Crofts); Gallegos, *Doña Bárbara* (Austral); Ricardo Palma, *Tradiciones peruanas* (Austral); Walsh, *Seis relatos americanos* (Norton); Teresa de la Parra; *Ifigenia* (Ed. "Las Novedades", Caracas); Reyles, *El embrujo de Sevilla* (Austral); Jorge Isaacs, *María* (Sopena); Florencio Sánchez, *Teatro*, Vol. 1 (Sopena); *Novela de la revolución mexicana* (Biblioteca Enciclopédica Popular); *Poesía latinoamericana contemporánea* (Bib. Enc. Pop.)

HONOURS COURSES

With the consent of the Department Honours Courses may be taken by general students.

22. INTRODUCTORY HONOURS COURSE. Second year (Full course).

(a) The Spanish theatre since 1900.

(b) Readings in the contemporary Spanish novel. Modern poetry.

(c) Free composition and set translations on literary subjects.

Professor Harrop

Texts: Benavente, *La Malquerida* and *La noche del sábado* (Austral)—*La comida de las fieras* and *Al natural* (Austral); Álvarez Quintero, *Malvaloca* and *Doña Clarines* (Austral); Martínez Sierra, *Canción de cuna* (Holt); García Lorca, *La zapatera prodigiosa* (Contemporánea)—*Mariana Pineda* (Contemporánea); Casona, *Teatro* (Losada); Cano and Saenz, *Easy Spanish Plays* (Heath); Zunzunegui, *Esta oscura desbandada* (Literaria); Galvarriato, *Cinco sombras* (Áncora); Delibes, *La sombra del ciprés es alargada* (Áncora); Arbó, *Sobre las piedras grises* (Áncora); Harrop, *Spanish Graded Comprehension Pieces.*

With the consent of the Department this course may be taken by general students instead of, or in addition to, Spanish 21.

33. SPANISH LITERATURE FROM ITS BEGINNINGS TO THE GOLDEN AGE—HISTORY OF THE SPANISH LANGUAGE. Third year (Full course). *Dr. Harvey*

Texts: López Estrada, *Introducción a la literatura medieval española* (Gredos); Anón., *El poema del Cid* (Ebro); Don Juan Manuel, *El Conde Lucanor* (Ebro); Ed. by González Simón, *Poesía medieval* (B.L. del E.); G. de Berceo, *Milagros de Nuestra Señora* (Ebro); Arcipreste de Hita, *Libro de Buen Amor* (Ebro); Fernando de Rojas, *La Celestina* (Austral); Ed. by Le Strange, *Spanish Ballads* (Cambridge); Ed. by Juliá Martínez, *Piezas teatrales cortas* (B.L. de. E.); Juan de la Encina, *Plácida y Victoriano* (Ebro); Lapesa, *Historia de la lengua expañola* (Escelicer).

42. SPANISH DRAMA OF THE 19TH AND 20TH CENTURIES. Fourth year (Open also to Third year students of Spanish) (Full course).

3 hours. *Professor Harrop*

Texts: Jacinto Benavente, *Los intereses creados* and *Señora ama* (Austral) and *La fuerza bruta* and *Lo cursi* (Austral); Álvarez Quintero, *Puebla de la mujeres* and *El genio alegre* (Austral); Brett, *Nineteenth Century Spanish Plays* (Appleton); García Lorca, *Doña Rosita la soltera* and *Bodas de sangre* (Contemporánea); Casona, *Nuestra Natacha* (Appleton-Century); Buero Vallejo, *En la ardiente oscuridad* (Alfil); Unamuno, *El otro* and *El hermano Juan* (Austral); Grau, *El burlador que no se burla* (Contemporánea); Martínez Sierra, *Canción de cuna, etc.* (Crisol); Ed. by Sáinz de Robles, *Teatro español, 1954-1955* (Aguilar).

(*Given in 1959-60.*)

JOINT HONOURS

French and Spanish: *See under Department of Romance Languages French Section*, p. 1144.

Latin and Spanish: *See under Department of Classics Latin Section*, p. 1051.

SPANISH COURSES, GENERAL

Recommended Reference Books: Cuyás and Llano, *New Spanish Dictionary* (Appleton); *Pequeño Larousse Illustrado* (Larousse); Malaret, *Diccionario de americanismos* (Emecé); Díez Mateo, *Diccionario español etimológico del siglo XX* (Academo); Navarro Tomás, *Manual de pronunciación española* (Rev. de Filología Esp.); Menéndez Pidal, *Manual de gramática histórica española* (Suárez); Ángel del Río, *Historia de la literatura española* (Dryden); Torres Ríoseco, *La Literatura iberoamericana* (Ed. Emecé, B.A.); Romera-Navarro, *Historia de la literatura española* (Health); Academia Española, *Gramática de la lengua española* (Espasa-Calpe); Allison Peers, *Spain: A Companion to Spanish Studies* (Methuen); J. B. Trend, *The Civilization of Spain* (Home University); Ramsay, *A Textbook of Modern Spanish* (Holt).

SOCIOLOGY AND ANTHROPOLOGY

Associate Professor	WILLIAM A. WESTLEY, *Chairman*
Assistant Professors	FREDERICK ELKIN
	JACOB FRIED
	HOWARD E. ROSEBOROUGH
	AILEEN D. ROSS
	DAVID N. SOLOMON
	TOSHIO YATSUSHIRO
Lecturer	COLETTE CARISSE
Research Assistants	ROSALYND BAYLIN
	SHIRLEY DIAMOND

SOCIOLOGY

210. INTRODUCTION TO SOCIOLOGY. Second year. (Full course.) A general introduction to sociological theory and the analysis of groups in modern society. The course covers comparative cultures, the social development of the individual, ethnic and class groupings, characteristics of urban life, social change, and institutional structures.

3 hours.

The Introductory Course is divided into lecture sections which are essentially the same. Students will indicate on their registration forms whether they are registering for 210X, or 210Y.

Either Sociology 210 or Anthropology 220 is prerequisite to all other courses in Sociology or Anthropology.

210X. INTRODUCTION TO SOCIOLOGY. *Professor Ross*

210Y. INTRODUCTION TO SOCIOLOGY. *Professor Westley*

300a. THE COMMUNITY. Third or Fourth year. (Half course.) Rise of modern urbanism; human ecology and theories of urban growth; community studies on the North American continent.

3 hours. *Professor Ross*

310a. PRE-INDUSTRIAL SOCIETIES. Third year. (Half course.) Identical with, and described under, Anthropology 310a.

3 hours. *Professor Yatsushiro*

311b. COMPLEX SOCIETIES. Third year. (Half course.) Social systems of modern, complex, industrial societies; scientific, economic, political, religious, health, and other institutional structures; voluntary associations; the role of small groups in institutions; bureaucratization of institutions.

3 hours. *Professor Roseborough*

330b. COLLECTIVE BEHAVIOUR. Third or Fourth year. (Half course.) Description and analysis of elementary forms of collective behaviour such as crowds, mobs, and religious meetings; their origins in social unrest; social movements and revolutions; the nature of mass society, and the ways in which political and social processes are related to changes in the social order; the bases for the formation of a new social order.

3 hours. *Professor Elkin*

331b. COMMUNICATIONS AND PUBLIC OPINION. Third or Fourth year. (Half course.) The nature of public opinion and mass communications; the social control, content, and influence of the press, radio, motion pictures, and television; the nature of propaganda; pressure groups.

3 hours. *Professor Elkin*

340a. THE FAMILY. Third year. (Half course.) The structure and functions of the family and its relation to other community institutions; interpersonal relationships within the family; the family and social change; family disorganization and reorganization.

3 hours. *Professor Westley*

350b. MINORITY GROUPS. Third year. (Half course.) The nature of minority group relationships with special reference to Canada, the United States, South Africa, and the West Indies; the ecology and economic position of minority groups; their participation in educational, political and religious institutions; their relationship to the class structure; dominant group attitudes and ideologies concerning minority groups; the effect of minority group membership on the individual; conflict and social movements.

3 hours. *Professor Ross*

360a. CRIMINOLOGY. Third or Fourth year. (Half course.) Theories of crime; social systems and their punitive practices; types of crime in modern society; the relationships between social power, the law, and crime; the slum community; the police; political crimes.

3 hours. *Professor Westley*

(*Not given in 1958-59.*)

380a. SOCIOLOGY OF THE CHILD. Third year. (Half course.) The social development of the individual from infancy to adulthood, emphasizing theories of human nature and socialization; childhood and adolescent roles; the influence of culture, the family, and peer groups.

3 hours. *Professor Elkin*

411b. SOCIAL STRATIFICATION. Fourth year. (Half course.) The theory of caste and class divisions in modern society; the structure of class groups in the United States and Canada; the criteria of rank and the symbols associated with rank; the relationship between occupation, education, and class position; problems of upward and downward mobility.

3 hours. *Professor Ross*

421b. SOCIAL PSYCHOLOGY. Fourth year. (Half course.) Personality development; the origin of the self; the relationship between language and behavior; the emergence of social behavior; and the analysis of social action.

Open to Fourth year Honours students or by permission of instructor.

3 hours. *Professor Westley*

Prerequisite: Sociology 380a.

430a. HISTORY OF SOCIOLOGY. Fourth year. (Half course.) Social thought and historical developments which led to the development of sociology as a separate discipline; early sociologists in Europe and America; recent trends in areas of interest and research methodology.

Open to Fourth year Honours students or by permission of the instructor.

3 hours.

Professor Roseborough

432a. TECHNIQUES OF SOCIOLOGICAL RESEARCH I. Fourth year. (Half course.) The formulation of research projects; use of documents, census and other available data; collection of data through observation and interviewing; analysis of non-quantitative material.

3 hours. *Professors Solomons, Roseborough and Yatsushiro*

Open to Fourth year Honours students or by permission of the instructor.

433b TECHNIQUES OF SOCIOLOGICAL RESEARCH II. Fourth year. (Half course.) Introduction to survey research: the selection of samples, construction of questionnaires and scales, analysis and interpretation of data.

3 hours. *Professors Solomon, Roseborough and Yatsushiro*

Open to Fourth year Honours students or by permission of the instructor.

440b. POPULATION AND MIGRATION. Fourth year (Half course). Populations and their composition; age, sex, and language groupings; birth rates, death rates, and population growth; the structure of the labour force, and changes therein; international migration, domestic migration, and the forceful transfer of populations; immigration policies. Major emphasis on the Canadian scene.

3 hours.

(*Not given in 1958-59*)

450a. OCCUPATIONS AND PROFESSIONS. Fourth year. (Half course.) Historical development of specialized occupations and professions; occupational mobility; occupational choice; stages of careers; social control of relations with clients, customers, fellow workers, and other interested parties; professional and trade associations; work and the self.

3 hours.

Professor Solomon

460b. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS. Fourth year. (Half course.) Industrial and other work institutions; the concept of bureaucracy; operation of bureaucracies; formal and informal organization of the work world; roles of managers, executives, foremen, and workers; the plant and the community; industry and society.

3 hours.

Professor Solomon

Note: Sociology 450a and Sociology 460b may be regarded as a sequence in the Sociology of work.

ANTHROPOLOGY

220. INTRODUCTION TO ANTHROPOLOGY. Second year. (Full course.) Historical relationship of race, language, and culture; culture history, analysis of cultural systems; culture and personality.

Professor Fried

3 hours.

Anthropology 220 or Sociology 210 is prerequisite to all other courses in either Anthropology or Sociology.

310a. PRE-INDUSTRIAL SOCIETIES. Third year. (Half course.) The comparative study of social organization among pre-industrial societies. This course will deal principally with the analysis of social systems as these appear in cultures at various levels of complexity.

Professor Yatsushiro

3 hours.

311b. COMPLEX SOCIETIES. Third year. (Half course.) Identical with, and described under, Sociology 311b.

321b. ETHNOLOGY OF ASIA AND OCEANIA. Third or Fourth year. (Half course.) The native cultures of India, China, Japan, Southeast Asia, Melanesia, Micronesia, and Polynesia; racial and cultural origins; ethnographic accounts of representative societies.

Professor Yatsushiro

3 hours.

(*Given in 1958-59 and alternate years.*)

322b. THE ETHNOLOGY OF AFRICA AND THE MIDDLE EAST. Third or Fourth year. (Half course.) Description and analysis of representative native cultures of this area. Problems of culture contact will be treated.

Professor Yatsushiro

3 hours.

(*Given in 1959-60 and alternate years.*)

323b. INDIANS OF THE NEW WORLD. Third or Fourth year. (Half course.) Description and analysis of representative native cultures of North, Middle, and South America. Special attention will be given to the Indians and Eskimos of Canada and United States.

Professor Fried

3 hours.

(*Given in 1959-60 and alternate years.*)

324a. DEVELOPMENT OF CULTURE. Third year. (Half course.) The study of the development of culture from prehistoric to modern times based upon description and analyses from paleontological, archeological and ethnological research. Analysis of technological and social innovations and their relation to culture complexity.

Professor Yatsushiro

3 hours.

325b. THE CULTURE AND SOCIAL ORGANIZATION OF FRENCH CANADA. Third or Fourth year. (Half course.) The description and analysis of the culture and social organization of French Canadians in the Province of Quebec and of French-speaking groups in North America.

3 hours.

(*Not given in 1958-59.*)

326b. PRIMITIVE RELIGION. Third or Fourth year. (Half course.) The study of religion in tribal and pre-industrial societies with special reference to the relationship of religious beliefs and practices to other cultural activities. Magic, witchcraft, animism, animatism, ancestor worship and totemism are discussed.

3 hours.

Professor Fried

(*Given in 1958-59 and alternate years.*)

420b. CULTURE AND PERSONALITY. Fourth year. (Half course.) The study of the cultural background of personality; the effects of socialization on personality formation in diverse types of cultures, primitive and modern; the relation of social structure and cultural values to personality dynamics.

3 hours.

Professor Fried

471a. THEORIES AND METHODS OF ANTHROPOLOGY. Fourth year. (Half course.) Examination of methodological and conceptual problems in Social Anthropology; categories of behaviour; levels of analysis; the nature and role of theoretical models, of description and explanation, of assumption, concept, inference, hypothesis, observation, measurement, and their interrelationships in anthropological analysis.

3 hours.

Professor Yatsushiro

(*Not given in 1958-59.*)

480b. DYNAMICS OF CULTURE CHANGE. Fourth year. (Half course.) Examination of the process and determinants of culture change as illustrated in case studies of selected peoples. The cultural reorganization resulting from social and technological innovations and outside contact is analyzed.

3 hours.

Professor Yatshushiro

490a. CULTURAL THEORY. Fourth year. (Half course.) A survey of the historical development of anthropological theories of culture. Evolutionary, diffusionist, historical, functional, psychological, and other approaches are discussed.

3 hours.

Professor Fried

HONOURS SEQUENCES IN SOCIOLOGY AND ANTHROPOLOGY

Admission to Honours will normally take place at the beginning of the Third year and will be determined by the student's standing in Sociology or Anthropology and related subjects. A minimum of a good second class standing in Sociology 210 or Anthropology 220 and approval of the Department is required for acceptance into Honours.

SOCIOLOGY

The required sequences of courses appear below.

Third year:

Sociology 310a PRE-INDUSTRIAL SOCIETIES
Sociology 311b COMPLEX SOCIETIES
Sociology 340a THE FAMILY
Sociology 380a SOCIOLOGY OF THE CHILD
Psychology 22a or 22b (Statistics)
And one and one-half other approved courses.

Fourth year:

Sociology 421b SOCIAL PSYCHOLOGY
Sociology 430a HISTORY OF SOCIOLOGY
Sociology 432a TECHNIQUES OF SOCIOLOGICAL RESEARCH I
Sociology 433b TECHNIQUES OF SOCIOLOGICAL RESEARCH II
any two of the following:
Sociology 300a THE COMMUNITY
Sociology 411b SOCIAL STRATIFICATION
Sociology 440b POPULATION AND MIGRATION
Sociology 450a OCCUPATIONS AND PROFESSIONS
Sociology 460b SOCIOLOGY OF INDUSTRIAL INSTITUTIONS
And one other approved course.

Modifications of this program may be made by the use of courses in Anthropology, Economics and Political Science, Geography, History, Philosophy, and Psychology.

ANTHROPOLOGY

The required sequences of courses appear below.

Third year:

Anthropology 310a PRE-INDUSTRIAL SOCIETIES
Anthropology 324a DEVELOPMENT OF CULTURE

any two of the following:

Anthropology 321b ETHNOLOGY OF ASIA AND OCEANIA

Anthropology 322b ETHNOLOGY OF AFRICA AND THE MIDDLE EAST

Anthropology 323b INDIANS OF THE NEW WORLD

Anthropology 326b PRIMITIVE RELIGION

And two other approved courses.

Fourth year:

Anthropology 420b CULTURE AND PERSONALITY

Anthropology 471a THEORIES AND METHODS OF ANTHROPOLOGY

Anthropology 480b DYNAMICS OF CULTURE CHANGE

Anthropology 490a CULTURAL THEORY

Sociology 432a TECHNIQUES OF SOCIOLOGICAL RESEARCH I

Sociology 433b TECHNIQUES OF SOCIOLOGICAL RESEARCH II

any one of the following:

Anthropology 321b, 322b, 323b, 326b

And one other approved half-course.

Modifications of this programme may be made by the use of courses in Sociology, Economics and Political Science, Geography, History, Philosophy, and Psychology.

Students taking Honours in Sociology or Anthropology and one other subject are required to select four courses, in consultation with the Chairman of the Department, during the Third and Fourth years.

JOINT HONOURS

Joint Honours with Political Science may be taken as follows:

(a) Anthropology and Political Science

Second year: Anthropology 220, Political Science 211H.

Third year: Anthropology 324a; two half courses to be selected from Anthropology 321b, 322b, and 323b; Political Science 311; Political Science 323; Political Science 324a.

Fourth year: Anthropology 471a, Anthropology 480b, Anthropology 490a, Sociology 432a, Sociology 433b, Political Science 411a, Political Science 515, and one other approved half course.

Modifications may be made in the above programme in consultation with departmental advisers.

(b) Political Science and Sociology (see page 1063).

CONTINUATION SEQUENCES IN SOCIOLOGY AND ANTHROPOLOGY

Sociology and Anthropology are regarded as separate disciplines for continuation purposes.

SOCIOLOGY

The following sequences are suggested for General Arts students who have chosen Sociology for continuation:

Community Organization: 210, 300a or 311b, 411b.
Industrial Relations: 210, 311b, 450a, 460b.
Pre-professional: 210, 311b, 411b, 450a.
Social Psychology: 210, 330b or 331b, 380a, 421b.

ANTHROPOLOGY

The following sequences are suggested for General Arts students who have chosen Anthropology for continuation:

Culture: 220, 324a, 420b, 480b or 490a.
Social Institutions: 220, 310a, 326b, 490a.
Ethnography: 220, 310a, 321b or 322b, 323b.

ZOOLOGY

Professors	JOHN STANLEY, *Chairman* N. J. BERRILL
Professor of Parasitology	T. W. M. CAMERON
Associate Professors	M. J. DUNBAR H. R. SCOTT
Lecturer	JOAN MARSDEN
Carpenter Teaching Fellow	D. STEELE

100. THE HIGHER PLANTS AND ANIMALS (BIOLOGY 100). (Full course.) An introductory course in Biology, covering the higher plants and animals. The course is given in two Sections. Section X considers the plants in the first term and the animals in the second term. Section Y considers the animals in the first term and the plants in the second term.

2 hours lectures and 3 hours laboratory.

Botany: *Professors Roscoe, Wilson and Boll*
Zoology: *Professors Berrill and Stanley*

Text: Storer and Usinger, *Elements of Zoology* (McGraw-Hill).

211. THE INVERTEBRATE ANIMAL KINGDOM. (Full course.) A general introduction to the invertebrates, covering the structure, function, environmental relationships, economic importance and evolutionary significance of the main groups. This course is reprequisite to Zoology 324, 325 and 325L.

2 hours lecture and 3 hours laboratory. *Professor Berrill*

Prerequisite: Biology 100.

221. VERTEBRATE ZOOLOGY. (Full course.) The evolutionary history of vertebrate animals, including the origin, classification, and special features of the classes of vertebrates and the comparative anatomy of the functional systems of the body. Dissection of a series of representative vertebrates with special emphasis on mammalian anatomy.

2 hours lectures and 3 hours laboratory. *Dr. Marsden*

Prerequisite: Biology 100.

Text: Romer, *The Vertebrate Body* (Saunders).

322a. VERTEBRATE HISTOLOGY. (Half course.) A comparative study of the microscopic structure of animal tissues and organs; an interpretation of this structure in terms of function and embryonic origin; an introduction to human histology.

First term: 2 hours lectures and 3 hours laboratory. *Professor Scott*

Prerequisite: Zoology 221. (With permission, may be taken concurrently.)

Text: Maximow and Bloom, *Textbook of Histology* (Saunders).

322b. VERTEBRATE EMBRYOLOGY. (Half course.) A comparative study of embryonic development in the various classes of vertebrates, leading to an interpretation of human development.

Second term: 2 hours lectures and 3 hours laboratory. *Professor Berrill*

Prerequisite: Zoology 322a.

324. ADVANCED INVERTEBRATE ZOOLOGY (EXCEPT ARTHROPODA). (Full course.) A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of invertebrate animals other than the Phylum *Arthropoda.*

2 hours lectures and 3 hours laboratory. *Professor Stanley*

Prerequisite: Zoology 211.

Texts: Borradaille, Eastham, Potts and Saunders, *The Invertebrata.* (Cambridge); Pratt, *Manual of the Common Invertebrates* (MacMillan), A laboratory manual is issued by the Department.

(*Offered in alternate years. Not offered in 1958-59*)

325. THE ARTHROPODA. (Full course.) A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of animals of the Phylum *Arthropoda*.

3 hours lecture. *Professor Stanley*

Prerequisite: Zoology 211.

Texts: Borradaille, Eastham, Potts and Saunders, *The Invertebrata* (Cambridge); Pratt, *Manual of the Common Invertebrates* (MacMillan).

(*Offered in alternate years. Offered in 1958-59*)

332. ANIMAL ECOLOGY. (Full course.) A study of the inter-relations between animals, groups of animals, and their environments. The zoogeography of terrestrial, marine, and fresh-water populations; the analysis of the physical environment in all three divisions of the biosphere; migrations, emigrations, and other movements of animals, and the numerical behaviour of populations. Ecology and evolution.

3 hours. *Professor Dunbar*

Prerequisites: Zoology 211 or 221.

Text: Hesse, Allee and Schmidt, *Ecological Animal Geography* (Wiley).

337a. HISTORY OF BIOLOGY. (Half course.) The history of biology from Thales to the present day; including the development of scientific observation in anatomy, comparative morphology, ecology, embryology, and palaeontology. Theories of the relationships of animals, parts of animals, and of their evolution. Philosophical history of biology. Biological expeditions.

3 lectures per week, first term. *Professor Dunbar*

(*Offered in alternate years. Offered in 1958-59*)

Prerequisite: Biology 100.

343b. LIMNOLOGY. (Half course.) A study of the fresh water environment and its organisms. The classification of inland waters, physical and chemical characteristics of lakes, the plankton and nekton, cyclomorphosis, the benthos, productivity and developmental sequence in lakes, running water systems, special environments.

Second term: 3 hours lectures. Field trips if possible. *Dr. Marsden*

Prerequisite: Zoology 211 or 221.

Text: Welch, *Limnology* (McGraw-Hill).

345. PHYSIOLOGICAL ZOOLOGY. (Full course.) A functional study of diverse mechanisms which have been evolved in different types of animals to carry on such basic activities of life as nutrition, water balance, nitrogen excretion, respiration, locomotion, stimulus reception, nervous and endocrine co-ordination.

2 hours lectures and 3 hours laboratory per week throughout the session.

Dr. Marsden and Professor Scott

Prerequisites: Zoology 211 or 221, and Physiology 22.

431. HISTOLOGICAL TECHNIQUE (PRACTICE AND THEORY). (Full course.) Training in the making of various types of histological preparations; discussion of the theories involved and interpretation of the results obtained.

1 hour lecture and 6 hours laboratory. *Professor Scott*

Prerequisite: Zoology 322a (Second class standing).

Text: Lillie, *Histopathologic Technic and Practical Histochemistry* (Blakiston).

435. APPLIED BIOMATHEMATICS. (Half course.) An elementary study of mathematical theories of growth and form, mathematics as applied to growth of populations, host-parasite relations, radio-active tracers, the steady state, contagious distributions, the theory of search.

2 lectures per week in the first term; one per week second term.

Professor Stanley

Prerequisite: Mathematics 224 (or a working knowledge of the calculus) and any biology course.

441. ZOOLOGICAL RESEARCH. (*Honours* Zoology only, Fourth year.) Individual training in zoological research methods, fields of research, and introduction to field and laboratory projects. Thesis and seminar presentations.

The Staff

446a. ADVANCED VERTEBRATE ZOOLOGY. (Half course.) A study of the present systematics of the vertebrate classes presented as a function of their past histories since the periods of their first apperance. The course is intended to follow upon Zoology 221.

(*Offered in alternate years with Zoology 337a. Not offered in 1958-59*)

Three hours lecture per week, first term. *Professor Dunbar*

Prerequisite: Zoology 221.

Text: No set text.

HONOURS COURSE IN ZOOLOGY

The succession of courses taken in Honours Zoology will normally be as follows, but this procedure may be varied in special cases by permission of the Department.

First year: The general B.Sc. curriculum, with Biology 100.

Second year: Zoology 211, 221, Physiology 22, plus a half course in Botany if not already taken, plus sufficient whole and half courses to make up a total of five full courses. The additional courses as above are to be selected with the advice of the Department from cognate fields or from courses in Zoology.

Third year: Zoology 332a, 322b, 324 (if given in that year), 332, 337a (if given in that year), 345, plus sufficient whole and half courses to make up a total of five full courses.

Fourth year: Zoology 324 (if given in that year), 337a (if given in that year), 441 and Genetics 44, plus sufficient whole and half courses to make up a total of five full courses, selected as in the case of the Second year.

With respect to the additional selected courses, such courses as Organic Chemistry, Physical Chemistry, Botany, Genetics, Physiology, and the like are emphasized.

CONTINUATION COURSES

Second year: Zoology 211, 221.

Third year: Zoology 221, 322, 324, 325, 332, 337a, 343b, 345, 446a.

Fourth year: Zoology 324, 325, 337a, 431, 433, 435, 446a.

Attention is called to the "General Honours in Biological Sciences" page 1026.

A student who has not completed Biology 100 *must* obtain permission of the Department of Zoology before proceeding to more advanced courses in Zoology.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

McGill University

Montreal



School of Commerce

Arthur Purvis Memorial Hall

1958-1959

McGill University



Montreal

School of Commerce

Arthur Purvis Memorial Hall

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Institute of Education
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, and School of Household Science.)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

School of Commerce

The School of Commerce is under the administrative jurisdiction of the Faculty of Arts and Science (McGill College).

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C.	*Principal*
D. L. Thomson, M.A., Ph.D., LL.D., F.R.S.C.	*Vice Principal*
H. N. Fieldhouse, M.A., F.R.S.C.	*Dean of McGill College*
C. D. Solin, Ph.D. (Tor.), M.A.	*Assistant Dean of McGill College*
E. W. Kierans, B.A.	*Director of the School of Commerce*
John H. Holton, B.Com. (Tor.)	*Secretary of the Board of Governors*
G. A. Grimson, B.Com.	*Comptroller*
Colin M. McDougall, D.S.O., B.A.	*Registrar*

B. COM. ADVISORY COMMITTEE

Professor E. W. Kierans, *Chairman*

The Dean
Professor K. F. Byrd
Professor W. Westley
Professor F. K. Hare
Professor Donald Marsh
Professor W. S. Reid
Professor Herbert Tate
Professor E. C. Webster
The Assistant Dean

A complete list of the teaching staff of the University, including the School of Commerce, is printed as a separate announcement, which may be obtained from the Registrar's Office.

SCHOOL OF COMMERCE OFFICE

ARTHUR PURVIS MEMORIAL HALL
1020 Pine Avenue West
Montreal 2

Telephones — VI. 9-9181

Office	— Local 450
Staff	— " 458
Accountancy	— " 445
Commerce Library	— " 452
Industrial Relations Centre	— " 294
Research	— " 258

ADVISORY COUNCIL
FOR THE
SCHOOL OF COMMERCE

DR. F. CYRIL JAMES, *Acting Chairman*
W. A. ARBUCKLE, *Arbuckle, Govett & Co.*
GORDON R. BALL, *President, Bank of Montreal*
L. J. BELNAP, *Chairman of the Board, Consolidated Paper Company*
SAMUEL BRONFMAN, *President, Distillers Corporation*
JOHN R. CHURCH, *Price, Waterhouse & Co.*
H. NORMAN DAVIS, *President, Ogilvie Flour Mills Co., Ltd.*
NORMAN DAWES, *1517 Pine Ave. West*
FREDERICK JOHNSON, *Chairman of the Board, Bell Telephone Company of Canada*
VERNON JOHNSON, *President, Canadian International Paper Co.*
HERBERT H. LANK, *President, Du Pont Company of Canada, Ltd.*
ANSON MCKIM, *President, Merck & Co., Ltd.*
J. BARTLETT MORGAN, *President, Henry Morgan & Company, Ltd.*
JAMES MUIR, *President, Royal Bank of Canada*
A. DEANE NESBITT, *President, Nesbitt, Thomson & Co. Ltd.*
JACK PEMBROKE, C.B.E., *President, The Royal Trust Co.*
H. GREVILLE SMITH, *President, Canadian Industries, Ltd.*
F. B. WALLS, *Vice-President, General Manager, T. Eaton Company Ltd. of Montreal*
H. G. WELSFORD, *President, Dominion Engineering Co. Ltd.*
J. B. WHITE, *Vice-President, Aluminum Co. of Canada, Ltd.*
E. C. WOOD, *President, Imperial Tobacco Co. of Canada*
PROF. E. W. KIERANS, *Director of the School of Commerce*
DR. W. H. PUGSLEY, *Secretary*

School of Commerce

PRELIMINARY STATEMENT

The programme of the School of Commerce is designed to provide training for business and administrative careers in industry and the public service, and includes undergraduate training, graduate training, and extension activities for graduates and non-graduates. The programme is organized in several divisions, as follows:—

Bachelor of Commerce Degree—A four-year course of study designed to prepare the student for the B.Com. degree.

Master of Commerce Degree—Advanced training and research designed to prepare the student for the M.Com. degree.

Evening Certificate and Diploma Courses—Training courses in Accounting, Mathematics, Commercial Law, and allied subjects to assist evening students to prepare for certificate and diploma examinations conducted by the School, and to meet the requirements of certain professional societies.

Industrial Relations Centre—A centre established for the purpose of bringing members of the University staff and of the industrial community together with a view to promoting study and research in fields associated with industrial relations.

COMMERCE LIBRARY

The Commerce Library is located in Purvis Hall and consists of over 24,882 books and periodicals and 9,829 pamphlets in the field of economics, business, industrial relations, and management. These materials are readily available on the shelves and in files in the library reading room. The facilities of the Redpath Library are also available to students.

UNDERGRADUATE PROGRAMME

The Bachelor of Commerce Degree

AIMS OF THE SCHOOL

Very few students come to University determined on a particular career. Indeed, if this were not so, the whole purpose of a University education would be defeated for it is here, in the study of the customs, traditions and cultures of other civilizations, in the analysis of ancient and modern philosophies, in the pursuit of scientific knowledge and truth that the young man obtains that broad and varied background without which he can hardly make a wise and effective choice of his life's work. Having made that choice, one can expect that the student will concentrate upon it and endeavour to build as full and rich a life as possible. We must not assume, since we are not a professional graduate school, that his future is determined and proceed to train before we educate.

The curriculum is based on compulsory courses in English, Mathematics, a language option and continuations in one or more selected Arts subjects. The purpose is, as stated above, to incorporate the essential values of the liberal tradition in the program of the Commerce student, the tradition which enables him to identify himself with the experience and thought of the past and which will guide him in the creative work of his own future.

Building upon this foundation in the basic humanities, the student undertakes a formal, rigorous program in Economics, including courses in Economic History, Principles of Economics, Money and Banking, Statistics and Applied Economic Analysis. Here the purpose is to acquaint him with the underlying and basic economic laws, principles and forces which work in and through our enterprise system and to emphasize the social obligations and public responsibilities of business leadership. Additional options in Political Science, Geography, Sociology and Psychology are also available and the student is encouraged to broaden his understanding of contemporary social and political institutions by working in these fields.

The third general area covers the Applied Economic and Commerce subjects and the student is required to take two courses in Accounting and one in Commercial Law—courses which are designed to introduce him to corporate methods, forms of organization, principles of accounts and the legal framework within which business operates. Additional courses in Accounting are available for students going into the profession and there are also options in particular aspects of business such as Marketing, Administration, etc.

There is often a misunderstanding about the nature of a School of Commerce. We are in no sense a vocational school. Vocational training does contribute to the freedom of the individual, as does all education, but we are not concerned to graduate students as qualified personnel managers, marketing specialists or professional accountants. All subjects must be, and are being, taught liberally, i.e. in such fashion as to provide a careful training of the mind and to require the student to use his intellectual faculties with skill and confidence—a disciplining which makes him aware of his mental powers, his powers of apprehension, insight, judgment and reasoning. "Men are men before they are lawyers or physicians or manufacturers; and if you make them capable and sensible men, they will make themselves capable and sensible lawyers or physicians." This statement by John Stuart Mill describes the educational philosophy of the School of Commerce.

ADMISSION TO THE SCHOOL OF COMMERCE

All applications to enter the School of Commerce must be made on forms which may be obtained from the Registrar's Office. Each applicant from a High School should see that a confidential report is sent from his school Principal to the Registrar, as such a report is necessary for the consideration of the application. Completed applications should reach the Registrar not later than August 31st, and if possible much earlier.

Each accepted candidate will receive a formal acceptance to a definite course and year and this must be kept for presentation at registration.

The number of admissions is limited and the School is not bound to accept all applicants who have passed the required examinations.

ADMISSION TO THE FIRST YEAR

A student may apply for admission to the First year of the B.Com. course after passing in specified subjects of the McGill School Certificate Examination or one of the examinations recognized by the University. For details, see the School Certificate Examinations Announcement.

ADMISSION TO THE SECOND YEAR WITH SENIOR MATRICULATION

A student may apply for admission to the Second year if he has passed in specified subjects of the Senior School Certificate Examinations, or recognized equivalent, and if he has achieved an average of at least 70% on the examination as a whole. Special consideration may, however, be given to candidates who have received an average of 65% to 70% if they have obtained high standing in each of the English, History, and Mathematics examinations. For further particulars, see the School Certificate Examinations Announcement.

ADMISSION BY TRANSFER

Application for transfer into an upper year of the School should be made to the Registrar's Office. It must be made on the regular form and be supported by certified copies of the applicant's previous academic record including the matriculation record. Such an application will be considered only if the student is in good standing and has a record which justifies the transfer.

Students admitted into the Second or the Third year will be required to take certain courses compulsory in a lower year, unless exempted.

Two years of residence are required as minimum for the degree, hence students cannot be allowed to transfer into the Fourth year.

REGISTRATION

All First year students in the School of Commerce will register on Thursday, September 11th, between 9 a.m. and 12.00 noon, in the Sir Arthur Currie Memorial Gymnasium. Students in the Second, Third, and Fourth years whose names begin with the letters A to L will register in the Gymnasium on Monday, September 22nd and those whose names begin with the letters M to Z will register on Tuesday, September 23rd between 9 a.m. and 4 p.m.

The Freshman Welcome meeting will take place on Friday, September 12th in the Gymnasium at 9 a.m.

After September 23rd a special late registration fee must be paid (see the General Information Pamphlet included in this Announcement).

No student will be admitted after October 1st except by special permission of the Dean.

All women undergraduates registered at McGill University are automatically members of the Royal Victoria College, whether in residence or not, and at the time of registration will be required to fill out special forms for the Royal Victoria College. Women undergraduates not residing with their parents or guardians in Montreal must apply for residence in the College, attaching, if desired, a note describing in full their plans for residence elsewhere, and obtain the Warden's written approval (*See the General Information pamphlet.*).

REGISTRATION PROCEDURE

Each regular undergraduate must be registered for the courses and year to which he has been accepted. Limited undergraduates and Partials must obtain approval of their courses from the Director of the School and the Dean's office before proceeding to register.

All students intending to take an Honours Course (Economics or Political Science) must obtain the approval of the Chairman of the appropriate department and of the Director of the School before registration.

Courses of study for the B.Com. degree are laid down on pages 1211-1213 and details of these courses are found in pages 1214 to 1244. Information regarding registration for Honours, or Distinction and Great Distinction is found on pages 1210-1211.

ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

The attention of students in Commerce is called to a separate pamphlet entitled *Regulations Governing Attendance, Examinations, and Advancement*, issued by the Faculty of Arts and Science. This booklet is distributed at the time of registration. Extra copies may be obtained through the Dean's Office.

FEES

Regular University fees and special fees are explained in the General Information Pamphlet enclosed with this Announcement.

The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require. Fees are not refundable, except under special conditions as described in the regulations concerning remission of fees in the General Information Pamphlet.

DATES OF PAYMENT

Fees are due and payable at the Accounting Office between the hours of 9 a.m. and 4 p.m. (Saturday 9-12), on the following dates:—

Thursday, September 11th

to

Tuesday, September 30th

If desired, fees may be remitted by mail before the above dates.

The second instalment of tuition fees is due and payable on January 15th. An additional $2.00 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Failure to pay fees by the prescribed dates will result in suspension from attendance at classes by the Dean of the Faculty until fees are paid, or a satisfactory arrangement is made with the Chief Accountant.

EXPENSES

An estimate of expenses will be found in the General Information Pamphlet included in this Announcement.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 per cent, and the minimum marks for first and second class standing are 80 per cent and 65 per cent respectively.

DISTINCTION AND HONOURS

Distinction in the General Course will be awarded to students, other than those registered in the Honours course in Economics, who achieve a 75 per cent average in the Second, Third, and Fourth years.

Great Distinction will be awarded to students who achieve an 80 per cent average in the Second, Third, and Fourth years.

Honours in Economics and in Political Science

At the beginning of his second year a student whose average mark in his first year is 65% or more may elect Honours in Economics (or Honours in Political Science with specialization in Public Administration), provided that he obtains the permission of the Chairman of the Department of Economics and Political Science. To remain in Honours he must attain a yearly average of at least 65% in those courses he takes within the Department. Individual tutorial guidance is provided for the student in Honours during his third and fourth years.

The requirements of Honours Economics, in conjunction with the ordinary requirements of the School of Commerce, determine the following programme of studies. During the four years of his studies the student must take at least seven courses in Economics. In the first year he takes the ordinary programme of the School of Commerce, including Economics 100 (Economic History). In his second year he takes the regular courses in the School of Commerce except that he substitutes Economics 211H (Introduction to Economic Theory) for Economics 211C (Principles of Economics). In his third year he takes Economics 311 (History of Economic Thought), Economics 321H (Money and Banking), Economics 361 (Economic Statistics), a course in the Arts continuation begun in second year, and a fifth course as the School of Commerce allows. In his final year he takes Economics 411 (Advanced Economic Theory) instead of Economics 412 (a) and (b) (Economic Analysis), any further courses in Economics to meet the overall minimum of seven, a further course in his continuation subject, a course in Commercial Law, and the balance of his programme as the School and Department allow. His choice of courses in Economics must prepare the student for the "Special Paper" described in the section on examinations that follows.

Students who wish to take Honours Political Science (with specialization in Public Administration) should consult the Department for details of course and examination requirements.

For a complete description of courses offered by the Department of Economics and Political Science, students should refer to the Arts and Science Calendar.

Final Examinations for Honours in Economics

At the end of his fourth year, the student who has elected Honours Economics writes the following examinations:

(a) *A Major paper:* This will be a two-part examination. Part I (3 hours) will be the course examination on the Major subject taken in the Fourth year, i.e. Economics 411. Part II (2 hours) will be of a more general and comprehensive character and will attempt to test the student's ability to integrate his knowledge of the Major field. It will be based, to a large extent, on the subject matter of Economics 211H and 311.

(b) *A Special paper:* This examination will cover the field chosen by the student for specialization and will be based on the sequence of courses in this field and on special reading and research. Examples of fields for specialization are Economic Theory, Labour Economics, International Trade, etc. Courses elected in the Third and Fourth year will not be approved unless their sequence prepares the student for this requirement. The "special paper" replaces the ordinary examination in the corresponding course in economics.

(c) ordinary examinations in all other courses.

The effect of this programme is that the Honours student writes the same number of papers as the general student, but that one of the papers he writes has supplementary questions, and that another replaces an ordinary course examination.

STUDENTS WORKING TOWARDS A PROFESSION

Students who intend after graduation to enter a profession should acquaint themselves with the requirements for admission to that profession, and should take these requirements into consideration when choosing their optional courses.

Candidates for the Licentiate in Accountancy of McGill University, conferring on its holders the right to become members of the Institute of Chartered Accountants of Quebec, should have their programmes approved by the Professor of Accounting or the Director of the School of Commerce.

Students who wish to enter the actuarial profession should take Mathematics 216 in their First year. The courses in Actuarial Mathematics on pages 1234-1235 offer a sound basis for professional work in this field.

THE MASTER OF COMMERCE DEGREE

Bachelors of Commerce who have obtained at least second class standing and who have the permission of the Director of the School of Commerce and of the Department of Economics and Political Science may apply to proceed to the Master of Commerce degree. For particulars see the Announcement of the Faculty of Graduate Studies and Research.

CURRICULUM

The curriculum leading to a B.Com. degree consists in part of compulsory courses and in part of optional courses chosen in accordance with the student's individual interests. As optional courses a student may take any courses offered in the Faculty of Arts and Science which are approved by the Director. A student in any year is expected to satisfy himself, before he selects any optional course:

(1) That he has completed any pre-requisite work for the course,

(2) That there is no conflict in his time-table,

(3) That his selection is approved by the Director.

The choice of optional courses is very important. Only one limited option is permitted in the First year. During that year the student should seek guidance from faculty members to assist him in working out for later years an integrated group of courses most suited to his interests and needs. For example, the student planning to become a Chartered Accountant should be sure that he elects the appropriate options required for this professional training. Similarly, a student interested in specialization in Industrial Relations should obtain advice on the most appropriate grouping of optional courses in Economics, Psychology, and Sociology. The high degree of flexibility provided by the optional system makes careful selection imperative.

English Composition Requirement. Every candidate for a degree in the Faculty of Arts and Science must satisfy the Department of English (which, in this matter, acts as the agent of Faculty) that he is competent in English composition. In addition to the other requirements for the degree, therefore, all students, in their first year in the Faculty, must register in English 100C. When a student has succeeded in demonstrating his competence in this course, he will be dispensed from further attendance at it.

Students whose native language is not English are also required to write a language test on the basis of which they will be assigned to English 100C or English 150 or both.

MINIMUM REQUIREMENTS FOR THE DEGREE OF BACHELOR OF COMMERCE.

Compulsory Courses	Elective Courses
FIRST YEAR	
English 100 English 100C Mathematics 111 Economic History (Economics 100) Accounting 101	One of French 11* Spanish 11 German 1 Italian 11 Latin 1 Greek 1
SECOND YEAR	
Elements of Economics (Economics 211C) Accounting 201 Elementary Calculus (Mathematics 224)	One of the following: Geography 211 Political Science 211G Psychology 21 Sociology 210 AND A continuation subject from the following: English French German History Italian Philosophy Spanish
THIRD YEAR	
Money and Banking (Economics 321) Statistics 361	A further course in the continuation subject selected in second year. Two additional courses from Section II (Continuation Subjects) or Section III (Options in Commerce and the Social Sciences).

*See page 1226.

FOURTH YEAR

Economic Analysis (Economics 412)	A further course in the continuation subject selected in Second year.
Commercial Law I	Two additional courses from Section II (Continuation Subjects) or Section III (Options in Commerce and the Social Sciences).

DESCRIPTION OF COURSES

The following list includes all required courses for the B.Com. degree, as well as the principal courses available as options from which the student may choose to complete his programme. Unlisted courses offered by the Faculty of Arts and Science may also be chosen. *The complete programme of any student must be approved by the Director.*

The list is divided as follows:

(i) Required courses for the B.Com. degree.

(ii) The principal subjects available as Arts and Science continuations.

(iii) The ten options in Commerce and the Social Sciences.

SECTION I

REQUIRED COURSES FOR THE B.COM. DEGREE

ACCOUNTING

101. ELEMENTS OF ACCOUNTING. First year (Full course). Introduction to Books of Account and Financial Statements; theory of debit and credit; principles of double entry; the accounting cycle; recording of transactions in the general journal and general ledger; principles of control accounts; accounts receivable and accounts payable ledgers; provision for bad debts and cash discounts; use of special books of original entry including cash receipts and cash payments books, cheque register, sales and purchase journals, and voucher register; distinction between capital and revenue expenditure; accounting for petty cash; bank reconciliation statements; notes and bills of exchange; inventories; preparation of Profit and Loss Accounts or Statements and Balance Sheets, with adjusting and closing entries.

3 hours. *Professor A. R. Marshall*

201. INTERMEDIATE ACCOUNTING. Second year (Full course). Revision of the work of First year at a more advanced level.

Partnerships: accounting for formation, distribution of profits; admission and withdrawal of partners including treatment of goodwill and bonus; partnership dissolution and liquidation; default of a partner; sale of a partnership to a limited company.

Manufacturing accounts and statements; the elements of cost; periodic and perpetual inventories; transfer of goods to trading department at a price in excess of factory cost, with adjustment of inventories.

Single entry: books and accounts required; preparation of financial statements from single entry data; conversion to double entry.

Corporations: legal aspects; types of shares; elementary treatment of issues of capital stock, bonds and debentures; classification of corporate surplus; dividends; correction of profits of prior periods; "clean surplus theory" and "current operating concept of income measurement."

Asset accounting with particular emphasis on cash; receivables; inventories; investments; tangible and intangible fixed assets.

Elementary consideration of financial statements; analysis and interpretation; methods of presentation; statements of source and application of funds.

Advance advice as to accounting techniques; consignment accounting; branch accounting; cost accounting; budgets.

3 hours. *Professors D. R. Patton and A. R. Marshall*

(*Req. B.Com.*)

ECONOMICS

100. ECONOMIC HISTORY. First year (Full course). A survey of the evolution of economic institutions from the ancient empires in Sumaria and Egypt to the outbreak of war in 1939. The course reviews the continuity of economic activities from the early empires through Greece and Rome; the manorial organisation of the early Middle Ages; the revival of towns, commerce and financial institutions; the widening of geographical and intellectual horizons; the industrial revolution and colonization; the economy of the 19th century; the first world war and the breakdown of the war economy after 1931.

3 hours. *Professor F. Cyril James*

211C. PRINCIPLES OF ECONOMICS. Second year (Full course). An introduction to the general principles of economics, covering monetary systems, price levels, national income, production, competition, and international trade.

3 hours. *Professor D. McC. Wright*

321. MONEY AND BANKING. Third year (Full course). Theory and practice of money and credit; organization and operations of financial institutions; monetary policy; concept and function of money; early history of credit institutions; the Peel Bank Act, and the development of the British financial system; the National Banking System in U.S. and the evolution of the Federal Reserve System; early development of Canadian banking; effects of World Wars I and II and of the Great Depression on U.S., U.K., and Canadian banking.

3 hours. *Professor E. W. Kierans*

361. ECONOMIC STATISTICS. Third year (Full course). Description of frequency distributions including averages, dispersion, and skewness. Charting and analysis of time series: trend lines, seasonal indexes, and measurement of cyclical fluctuations. Index numbers. Simple linear correlation. An introduction to Statistical Inference covering the following topics; elementary distributions, sampling, tests of statistical hypotheses, and estimation of population parameters.

2 hours lecture, 2 hours laboratory. *Professor E. F. Beach*

412a. ECONOMIC ANALYSIS. Third or Fourth year (Half course). Analysis of the problems of the economy with special reference to Canada: the national accounts; the eclectic theory of the business cycle; a study of Canadian monetary and fiscal policy; Canadian trade agreements.

First term: 3 hours. *Professor D. E. Armstrong*

412b. ECONOMIC ANALYSIS. Third or Fourth year (half course). Analysis of the economic problems of the firm: the basis of the demand curve—consumption by the household; entrepreneurial determination of market demand; types of markets and the price-output behaviour of firms in the different types of markets—agricultural markets, monopolistic markets, etc.; control of monopoly in Canada; special problems of the firm—advertising, forecasting demands, unionization and the supply of labour, location of industry, etc.

Second term: 3 hours. *Professor D. E. Armstrong*

ENGLISH

100. ENGLISH LITERATURE (Full course). A selection of major works in the English literary tradition from medieval to modern times.

A student whose mother tongue is not English and who might, therefore, encounter unusual difficulties with English 100 may be directed by the Department to take English 150 before proceeding to English 100.

3 hours (2 lectures and 1 tutorial meeting).

Professor R. S. Walker and Members of the Department of English

100C. ENGLISH COMPOSITION. At the beginning of the session students will be required to take a test in Composition. Students who attain a high standard in the work of the class may be exempted from the final examination.

1 hour per week throughout the session.

Professor A. Lucas and Members of the Department of English

REGISTRATION IN ENGLISH 100 AND 100C: It is important to register at the start of the session. Classes missed through late registration are counted as absences; no student whose unexcused absences exceed one eighth of the number of meetings in the Course is permitted to write the final examination. Assignments unfulfilled because of late registration cannot be made up; marks obtained for assignments provide 50% of the final grade for the Course.

Those required to repeat the Course are subject to all the regulations governing First year students.

CONDITIONED STANDING: Students conditioned in English 100 and 100C need not attend classes. Special Supplemental Examinations for those in the first year of conditioned standing will be set in April and September on the 100 Course work of the previous year. If his conditioned standing is extended beyond one year, a student must write the 100 Course Examination on the work of the current year. All students of the Second and subsequent years who wish to take part in the work of the Course must register for it at the start of the session.

150. ELEMENTARY ENGLISH COMPOSITION. This course is especially designed to help students whose mother tongue is not English and who have particular difficulty in the writing of correct idiomatic English.

First year students whose mother tongue is not English, and whose proficiency in the use of English is not such, in the opinion of the Department, as to enable them to profit adequately from Course 100C, will be directed to take Course 150 before proceeding to Courses 100 and 100C. First year students not so directed, and students in other years, may, with the permission of the instructor, elect this course; but they cannot thereby gain any credit towards a degree.

2 hours per week throughout the session.

Professor Vaughan

LAW

COMMERCIAL LAW 1. (Full course.) Law of Contracts, Sale, Agency, Partnership, Company Law, and Negotiable Instruments.

3 hours. *Professor R. S. Willis*

(*Req. B.Com.*)

MATHEMATICS

First year students will normally register for Mathematics 111.

Courses 113 and 216 are of a more advanced nature and concentrate on the development of facility in doing difficult and interesting problems. Students who have passed well in Intermediate Algebra and Trigonometry at Junior Matriculation should take 113 or 216 instead of 111.

111. TRIGONOMETRY, ALGEBRA, ANALYTICAL GEOMETRY (Fac. Eng. 1200). (Full course.)

PLANE TRIGONOMETRY. Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformations of sums and products, logatithmic solution of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

ALGEBRA. Variation, progressions, with applications to compound interest, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

ANALYTIC GEOMETRY. The analytic geometry of the straight line and circle.

3 hours. *Staff of Department of Mathematics*

Text: H. Tate, *Elementary Mathematical Analysis* (Pitman).

113. ADVANCED TRIGONOMETRY AND ALGEBRA. (Full course.) Treatment of topics in trigonometry not covered for matriculation, including graphs of trigonometric functions and graphical solution of equations.

Binomial theorem, summation of series, sigma notation, mathematical induction, analytic geometry.

3 hours. *Professor Herbert Tate*

Text: H. Tate, *Elementary Mathematical Analysis* (Pitman).

216. ELEMENTARY ANALYTIC GEOMETRY AND ALGEBRA (Full course). Review of trigonometry. The analytic geometry of the straight line and circle. Permutations and combinations, binomial theorem, mathematical induction, complex numbers, functional notation, remainder theorem, solution of equations.

3 hours. *Professor J. Lambek*

Texts: Robin Robinson, *Analytic Geometry* (McGraw-Hill); T. S. Peterson, *College Algebra* (Harper).

224. ELEMENTARY CALCULUS. (Full course.) Graphical representation; limits, differentiation and integration of elementary functions, with applications to the determination of lengths, areas, and volumes and the solution of simple problems in mechanics, physics, etc.; partial differentiation.

This course is intended to give students of biochemistry, chemistry, economics, and sociology a working knowledge of the elements of calculus.

3 hours. *Professor Herbert Tate and others*

Text: H. M. Bacon, *Differential and Integral Calculus* (McGraw-Hill).

SECTION II

CONTINUATION SUBJECTS

In his Second year a Commerce student is required to select a subject from the following, English, History, Philosophy, French, German, Italian, and Spanish, and to continue his studies in this area through the Third and Fourth years. Each student's programme is subject to the approval of the Director.

ENGLISH

COURSES OPEN TO STUDENTS IN THE SECOND YEAR

Courses open to students in the Second year cannot be taken twice for credit even when their content is changed from year to year.

200. SHAKESPEARE (Full course). A survey, with special attention to ten of the plays.

3 hours. *Professor R. S. Walker*

220. ENGLISH LITERATURE IN THE EIGHTEENTH CENTURY (Full course).

3 hours. *Professor H. G. Files*

230. ENGLISH LITERATURE IN THE NINETEENTH CENTURY (Full course). For Second year students. Recommended as a suitable continuation course.

3 hours. *Professor G. F. Sleigh*

240. AMERICAN LITERATURE (Full course).

3 hours. *Professor H. G. Files*

(*Not given in 1958-59.*)

250. CREATIVE WRITING—INTERMEDIATE (Full course). A study of the elements of prose style and of various aspects of the art of fiction-writing, with practice in the writing of prose.

Hours to be arranged. *Professor Constance Beresford-Howe*

Registration is limited. Students must have the instructor's permission to take this course.

290. THE GREAT WRITINGS OF EUROPE (Full course). For 1958-59 the period studied will be from 1850 to the present. Most of the works studied are available in translation.

3 hours. *Professor L. Dudek*

COURSES OPEN TO STUDENTS IN THE THIRD AND FOURTH YEARS

Third and Fourth year students may take any of the courses open to Second year students.

300. OLD ENGLISH (Full course). English Language and Literature up to the Norman Conquest. The course includes readings from Anglo-Saxon prose in the first term; and in the second, a study of heroic poetry. The texts used are: Bright, *Anglo-Saxon Reader* and *Beowulf* (ed. Klaeber). The course is open to Third and Fourth year students taking Honours in English or in English plus another subject. *Third and Fourth year students in other categories must have the instructor's permission to take the course.*

3 hours. *Mr. Martin Puhvel*

305a. CHAUCER (Half course). A study of *The Canterbury Tales*, their sources and analogues. Robinson's test (the Student's Cambridge Edition of the Complete Works) is used.

First term: 3 hours. *Professor Joyce Hemlow*

305b. CHAUCER (Half course). A study of the dream-vision poems and of the Troilus story.

Second term: 3 hours. *Professor Joyce Hemlow*

310. MIDDLE ENGLISH (Full course). Studies in Middle English Literature (exclusive of Chaucer). The course is open to students who have taken either Old English or Chaucer.

3 hours. *Mr. Martin Puhvel*

315b. NON-DRAMATIC LITERATURE OF THE FIFTEENTH AND SIXTEENTH CENTURIES (Half course). Special emphasis is given to the development of poetic techniques and the growth of humanism.

Second term: 3 hours. *Professor Joyce Hemlow*

318a. SIDNEY AND SPENSER (Half course).

First term: 3 hours. *Professor Joyce Hemlow*

318b. MILTON (Half course). A study of *Paradise Lost*, *Paradise Regained* and *Samson Agonistes*.

Second term: 3 hours. *Professor A. E. Malloch*

320. ENGLISH LITERATURE IN THE SEVENTEENTH CENTURY (Full course).
3 hours. *Professor A. E. Malloch*

322a. POETRY OF THE ROMANTIC PERIOD: 1780-1840 (Half course).
First term: 3 hours. *Professor A. Lucas*

322b. POETRY OF THE VICTORIAN PERIOD: 1840-1890 (Half course).
Second term: 3 hours. *Professor A. Lucas*

325. ENGLISH DRAMA FROM THE BEGINNINGS TO 1642, EXCLUDING SHAKESPEARE (Full course).
3 hours. *Professor Curtis D. Cecil*

330. ENGLISH DRAMA FROM 1660 TO THE PRESENT (Full course).
3 hours. *Professor Curtis D. Cecil*
(*Not given in 1958-59.*)

331. CONTINENTAL EUROPEAN AND AMERICAN DRAMA FROM IBSEN TO THE PRESENT (Full course).
3 hours. *Mr. John Sommers*

335. THE ENGLISH NOVEL FROM THE BEGINNINGS TO THE PRESENT TIME (Full course). This course includes some reference to foreign work and to related literary types.
3 hours. *Professor H. G. Files*
(*Not given in 1958-59.*)

336b. THE SHORT STORY (Half course). The history of the short story in English, with some reference to foreign work and to related literary types. Twentieth-century forms and techniques are emphasized.
Second term: 3 hours. *Professor Constance Beresford-Howe*

340. STUDIES IN LITERATURE SINCE 1900 (Full course). Contemporary authors, English and American, with special emphasis on novelists and dramatists.
3 hours. *Professor H. G. Files*

341a and b. CANADIAN LITERATURE. The development of prose literature and poetry in Canada from the beginnings to the present time.
3 hours. *Professors H. MacLennan and L. Dudek*

345. ENGLISH PROSE FROM BACON TO THE PRESENT (Full course). The purpose is to trace the development of English prose expression, to show how the powers of the language have become enlarged as writers have responded to the challenge of new ideas and new inventions in writing techniques.
3 hours. *Professor H. MacLennan*

355a. THE ART OF POETRY (Half course). A study of poetic forms and techniques. Though the course is intended for students of literature generally, the practising writer will find it useful; students are encouraged to submit work of their own for critical discussion in conference.

First term: 3 hours. *Professor L. Dudek*

365. POETRY OF THE TWENTIETH CENTURY (Full course). A survey of recent poetry by British and American authors.

3 hours. *Professor L. Dudek*

Texts: The collected poetry of W. B. Yeats, T. S. Eliot, Robert Frost, Ezra Pound, W. H. Auden, and Dylan Thomas.

370. CROSS-CURRENTS BETWEEN ENGLISH LITERATURE AND THE EUROPEAN LITERATURES IN THE 18TH CENTURY (Full course). This course deals with the influence of continental literature and criticism on the English neo-classicism of the 18th century, and with the influence of English literature and criticism on European writers from the time of Voltaire to the rise of Byronism. It includes reference to the works of French, German and Italian authors. A reading knowledge of French is a prerequisite.

3 hours. *Dr. Slava Klima*

380a. BIBLIOGRAPHY (Half course). An introduction to the apparatus and methods of scholarship in literary studies. *Open to Honours students: others must have the instructor's permission to take the course.*

Students who propose to proceed to the M.A. in English should note that this is a required course for that degree.

First term: Hours to be arranged. *Professor A. E. Malloch*

395. CREATIVE WRITING—ADVANCED COURSE (Full course). An advanced course open to a limited number of undergraduate students who appear well qualified for mature creative writing. Application for permission to take this course should be made at the beginning of the session. *Registration is limited.*

Hours to be arranged. *Professor H. G. Files*

GERMAN

1. GERMAN LANGUAGE. *Professor Bertha Meyer and Mr. V. R. Block*
2. GERMAN LANGUAGE. *Mr. V. R. Block*
3. GERMAN LANGUAGE. *Professor Bertha Meyer*

For further information and additional courses in German, see the Announcement of the Faculty of Arts and Science.

HISTORY

100. EUROPEAN CIVILIZATION SINCE THE ROMAN EMPIRE AND ITS EXPANSION OVERSEAS.
Professor C. C. Bayley

205. HISTORY OF COLONIAL EXPANSION.
Second year. *Professor J. I. Cooper*

210. HISTORY OF GREAT BRITAIN.
Second year. *Professor W. S. Reid*

215. HISTORY OF EASTERN EUROPE.
Second, Third and Fourth years. *Professor Milos Mladenovic*

305. HISTORY OF CANADA.
Third year. *Professor J. I. Cooper*

310. THE RISE OF BRITISH INDUSTRIAL DEMOCRACY SINCE 1815.
Third or Fourth year. *Professor W. S. Reid*

315a. THE SLAVS AND THE HABSBURG MONARCHY (Half course).
3 hours. *Professor Milos Mladenovic*

315b. WAR AND SOCIETY IN EASTERN EUROPE (Half course).
3 hours. *Professor Milos Mladenovic*
(Save by special consent of the Department, this course is open only to students who have previously taken either History 215 or History 320.)

320. THE HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE.
Third and Fourth years. *Professor H. N. Fieldhouse*

325. SOCIETY OF WESTERN EUROPE FROM THE RENAISSANCE TO THE EVE OF THE FRENCH REVOLUTION.
Third and Fourth years. *Professor P. Zagorin*

326. TUDOR AND STUART ENGLAND.
Third and Fourth years. *Professor P. Zagorin*

415. HISTORY OF SOVIET RUSSIA (Full course).
3 hours *Professor Milos Mladenovic*
(Save by special consent of the Department, this course is open only to students who have previously taken either History 215 or History 320.)

421. HISTORY OF DIPLOMACY, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY SINCE 1815.

Third, and Fourth years. *Professor H. N. Fieldhouse*

(*Not given in 1958-59.*)

For additional courses in History, see the Announcement of the Faculty of Arts and Science.

HISTORY AS A CONTINUATION SUBJECT

Students who wish to take History as a Continuation Subject must consult the Department as to their programme.

PHILOSOPHY

200. INTRODUCTION TO PHILOSOPHY. Second year (Full course). Special weekly conference groups will be held under the direction of Professors Currie and McKinnon, Mr. McCall and Mr. Ross.

An introduction to the chief problems of Philosophy in connection with their development in Greek, Mediaeval, and more especially in modern times.

Lectures and conferences: 3 hours.

Professors T. G. Henderson and J. W. Miller

300. ETHICS. Second year (Full course). The main types of ethical theory. Lectures and conferences: 3 hours. *Professor Alistair McKinnnon*

310. LOGIC AND SCIENTIFIC METHOD. (Full course.) Deductive logic: introduction to modern symbolic logic with emphasis upon applications. Inductive logic and scientific method: verification, probability, hypothesis, and related topics.
3 hours. *Professor J. W. Miller and Staff*

Prerequisite: Philosophy 200, except for Third and Fourth year students of science.

The class will be divided into two sections, designated as 310 I and 310 II. 310 I is intended primarily for students who have had Philosophy 200: 310 II, for Third and Fourth year students of science who have not had Philosophy 200. 310 II will give greater emphasis than 310 I to inductive logic and scientific method.

320. AESTHETICS. (Full course.) A philosophical treatment of certain problems in the spheres of art and criticism. Among the subjects discussed will be: the nature of aesthetic experience and of the artistic object; the interpretation of a work of art; artistic form, the criteria of aesthetic value. Illustrations and examples will be drawn from a variety of different arts, including music and poetry.

3 hours. *Mr. R. S. McCall and Mr. J. D. Ross*

Prerequisite: At least one full course in Philosophy. With the consent of the lecturer, special students may be permitted to take this course without this requirement being fulfilled.

330. PHILOSOPHY OF RELIGION. (Full course.) A discussion of the main problems of the philosophy of religion as considered in the works of various philosophers.

Prerequisite: Philosophy 200.

350. GREEK PHILOSOPHY. Third and Fourth years (Full course). The theory of knowledge and metaphysics of Plato and Aristotle.

3 hours. *Professor T. G. Henderson*

Prerequisite: Philosophy 200 or 300.

360. MODERN PHILOSOPHY. (Full course.) Main problems of modern philosophy, with special reference to the development from Descartes to Kant.

Prerequisite: Philosophy 200. *Professor Cecil Currie*

370. MEDIAEVAL AND RENAISSANCE PHILOSOPHY. (Full course.) Main problems of mediaeval philosophy in their development from St. Augustine to the Fifteenth Century.

3 hours. *Professor Raymond Klibansky*

Prerequisite: Philosophy 200 and 350; or consent of lecturer.

400. ETHICS AND PHILOSOPHY OF POLITICS. (Full course.)

3 hours. *Professors J. W. Miller and Raymond Klibansky*

Prerequisite: Philosophy 300.

410. PROBLEMS OF LOGIC, EPISTEMOLOGY, AND METAPHYSICS. (Full course.)

3 hours. *Professors Raymond Klibansky and T. G. Henderson*

Prerequisite: Philosophy 200, 310 or 350, 360.

For titles of textbooks, see Announcement of Faculty of Arts and Science.

CONTINUATION COURSES

Students interested in studying Philosophy in conjunction with other subjects are advised to take their courses in Philosophy in the sequences indicated below in connection with the other studies.

1. Philosophy with one or more studies in the social sciences, e.g., economics, history, politics, psychology, and sociology:

Philosophy 200, 300, 310, 330, 350, 400.

2. Philosophy, with one or more studies in the natural sciences, e.g., biochemistry, botany, chemistry, genetics, physics, zoology:

Philosophy 200, 310, 360, 410.

3. Philosophy with studies in English or Foreign Literature:

Philosophy 200, 300, 320, 330, 350, 360.

ROMANCE LANGUAGES

FRENCH

Students registering for First year French have a choice of two courses.

A. *French 11 Advanced*

This course is open to:

(a) students whose first language is French,

(b) those English-speaking students who have obtained at least 80% in their Junior School Certificate or High School Leaving Certificate or the equivalent diploma which secured their admission to the University.

All students who have registered for French 11 will undergo a test at the beginning of the term and those who do not satisfy the requirements will automatically revert to French 13 (Regular).

B. *French 13 Regular*

This course is designed (a) to supplement previous training in oral comprehension, grammar and vocabulary so that students can proceed to further courses with an adequate linquistic equipment (b) to teach the basic facts of French civilization which underlie the development of French literature and fine arts.

11. ADVANCED. General survey of French literature of the 18th and 19th centuries; French composition. (Full course)

3 hours. *Professor Hélène Larivière and other members of the Department*

Texts: Bradley and Mitchell, *Eight Centuries of French Literature* (Appleton-Century-Crofts); Lévèque, *Histoire de la Civilisation française* (Revised Edition) (Holt); Saint-Exupéry, *Vol de Nuit* (Harper); Husson, *La cuisine des anges* (Harper); René Daudon, *French in Review* (Harcourt, Brace and Company).

13. REGULAR (Civilization Section). General survey of French civilization (Geography, History, Arts, Science, Economics and Politics); French Composition. (Full course)

3 hours. *Professor Yvonne Champigneul and other members of the Department*

Texts: Carlut-Brée, *France de nos jours* (Macmillan); Moore-Meiden, *Onze contes* (Houghton-Mifflin); Sonet-Shortliffe, *Review of Standard French* (Harcourt, Brace).

Students are required to possess a good French-English and English-French Dictionary. Harrap's Shorter French-English and English-French Ed. by J. E. Mansion, M.A. is recommended.

SECOND YEAR COURSES

21. SURVEY OF FRENCH LITERATURE FROM THE MIDDLE-AGES TO THE 18TH CENTURY. French composition. (Full course)

3 hours. *Professors Reverchon and Rigault*

Prerequisite: French 11, or permission of the Chairman of the Department.

Texts: Castex and Surer, *Manuel des Etudes littéraires françaises, vol. 1 (Moyen-Age, XVIe et XVIIe Siècles)* (Hachette); Bradley-Michell, *Eight Centuries of French Literature* (Appleton-Century-Crofts); Molière, *L'Avare* (Classiques France, Hachette); Racine, *Andromaque* (Classiques France, Hachette); Whitmarsh-Jukes, *Advanced French Course* (Longmans).

23. INTRODUCTION TO FRENCH LITERATURE FROM THE MIDDLE-AGES TO THE 20TH CENTURY THROUGH THE READING OF REPRESENTATIVE MAJOR WORKS; French composition. (Full course)

3 hours. *Professors Champigneul, d'Hauteserve, Rigault and Romer; MM. Jackson and Penot*

Prerequisite: French 13, or the equivalent.

Texts: Memento de Littérature française (prepared by the Department and issued to students); *La farce de Maître Pathelin;* Molière, *L'Avare;* Voltaire, *Zadig;* Duhamel, *Chronique des Pasquier* (all in Petits Classiques Larousse); Balzac, *Le père Goriot* (Ed. R. L. Sanderson, Heath); Whitmarsh-Jukes, *Advanced French Course* (Longmans).

Readings: Molière, *Le bourgeois gentilhomme;* Flaubert, *Trois contes* (both in Petits Classiques Larousse).

THIRD YEAR COURSES

31. FRENCH LITERATURE OF THE 17TH CENTURY. (Full course.)
Professor Hélène Larivière
3 hours.

Prerequisite: French 21 or 23.

Texts: Castex and Surer, *Manuel des Etudes littéraires françaises: XVIIe siècle* (Hachette); Peyre and Grant, *Seventeenth Century French Prose and Poetry* (Heath); Seronde and Peyre, *Nine Classic French Plays* (Heath).

Readings: Corneille, *Le Cid* and *Horace;* Racine, *Andromaque* and *Phèdre;* Molière, *L'Ecole des Femmes* and *Tartuffe;* Pascal, *Pensées;* Bossuet, *Oraison Funèbre d'Henriette d'Angleterre;* Mme de Sévigné, *Lettres choisies;* La Fontaine, *Faibles choisies;* Mme de La Fayette, *La Princesse de Clèves.*

32. FRENCH LITERATURE OF THE 18TH CENTURY. (Full course.)
Professor Marie-Thérèse Reverchon
3 hours.

Prerequisite: French 21 or 23.

Texts: Castex and Surer, *Manuel des Etudes littéraires françaises: XVIIIe siècle* (Hachette); A. Schinz, *Eighteenth Century French Readings* (Holt); Marivaux, *Le jeu de l'amour et du hasard* (Heath); Voltaire, *Candide* (Holt); Beaumarchais, *Le Barbier de Séville* (Holt).

Readings: Lesage, *Gil Blas* (Extraits); Montesquieu, *Les Lettres persanes;* Voltaire, *Les Lettres philosophiques;* Diderot, *Le Neveu de Rameau;* Beaumarchais, *Le Mariage de Figaro;* Rousseau, *Confessions* (Extraits).

FOURTH YEAR COURSES

41. MODERN FRANCE—GEOGRAPHICAL OUTLINE—POLITICAL, SOCIAL, AND ECONOMIC ASPECTS OF FRENCH LIFE, SINCE 1870. (Full course.) (*Open also to Third year students with a good command of spoken French.*)
Professor J. E. L. Launay
3 hours.

As no textbooks are available for this course, an ability to take notes in French is essential.

42. LITERATURE AND SOCIAL IDEAS IN THE 19TH CENTURY. (Full course.) (*Open to Third year students also.*)
Professor Louis d'Hauteserve
3 hours.

43. FRENCH LITERATURE OF THE 19th AND 20TH CENTURIES. (Full course.)
Professor Euvrard
3 hours.

Prerequisite: French 31 or 32.

Texts: Penguin Book of 19th Century French Verse; Musset, *Lorenzaccio* (Petits Classiques Larousse); Balzac, *Le Père Goriot* (Nelson); Flaubert, *Madame Bovary* (Garnier); Zola, *Germinal* (Livres de poche); Gide, *La Porte Etroite* (Mercure de France); Castex-Surer, *Manuel des Etudes littéraires françaises: XIXe Siècle* (Hachette).

FRENCH CONTINUATION:

Second year: French 21 or 23.

Third year: French 31 or 32.

Fourth year: French 41, 42, or 43.

SPANISH

11. FIRST YEAR. (Full course)

Grammar, reading and dictation, oral exercises and composition.

3 hours. *Professor Robina E. Henry and Staff*

21. SECOND YEAR. (Full course)

Further readings in literature, translation, free composition, conversation.

3 hours. *Professor G. F. Stegen*

31. THIRD YEAR. (Full course)

Novelists of XIX Century. Advanced composition, translation, conversation.

3 hours. *Dr. Monica Harvey*

32. SPANISH LITERATURE. Third year (Full course). A "great writers" course covering the masterpieces of Spanish literature.

3 hours. *Professor G. F. Stegen*

41. THE GOLDEN AGE. Fourth year (Full course).

3 hours *Professor L. B. Harrop*

43. SPANISH-AMERICAN LITERATURE. Fourth year (Full course).

3 hours *Professor L. B. Harrop*

Open to Third year students with permission of the Department.

For titles of textbooks, see Announcement of Faculty of Arts and Science.

CONTINUATION IN SPANISH:

Second year: Spanish 21.

Third year: Spanish 31.

Fourth year: Spanish 41 or 43.

ITALIAN

Two sets of courses are offered in Italian literature:

(a) *Courses given in Italian* (Courses 31 and 41): Intended for B.A. students taking Italian as a continuation subject, Italian 11 and 21 (or their equivalent) will be prerequisite for these courses.

(b) *Courses given in English* (Courses 25a and 25b): These are open to all students, and do not require a knowledge of the Italian language.

11. FIRST YEAR. (Full course.) Grammar, reading, oral exercises, and composition.

3 hours. *Professor A. D'Andrea*

Texts: Roncari-Brighenti, *La Lingua Italiana integnata agli stranieri* (Mondadori); Bormioli-Pellegrinetti, *Letture Italiane per Stranieri* (Mondadori); *Il "Piccolo Orlandi", Dizionario Italiano Inglese e Inglese Italiano* (Signorelli).

21. SECOND YEAR. (Full course.) Translation, free composition, conversations, introduction to Italian literature.

3 hours. *Professor A. D'Andrea*

Texts: Roncari-Brighenti, *La Lingua Italiana integnata agli stranieri* (Mondadori); Bormioli-Pellegrinetti, *Letture Italiane per Stranieri* (Vol. II) (Mondadori); Pirandello, *Sei Personaggi in cerca di Autore* (Mondadori).

31. THIRD YEAR—ITALIAN PROSE FROM THE ORIGINS TO OUR TIMES. (Full course.) Readings from selected Italian authors; Italian conversation, composition and elementary stylistics.

3 hours. *Professor A. D'Andrea*

Texts: E. Danadoni, *Breve Storia della Letteratura Italiana* (Signorelli); A. Fogazzaro, *Piccolo Mondo Antico* (Mondadori); G. Morpurgo, *Le più belle Novelle Italiane*; Migliorini-Chiappelli, *Elementi di Stilistica* (Le Monnier).

41. FOURTH YEAR—ITALIAN POETRY FROM THE ORIGINS TO OUR TIMES. (Full course.) Readings from selected Italian authors; Italian conversation, composition and stylistics.

3 hours. *Professor A. D'Andrea*

Texts: E. Donadoni, *Breve Storia della Letterature Italiana* (Signorelli); A. Momigliano, *Antologia della Letteratura Italiana* (Principato); Migliorini-Chiappelli, *Elementi Di Stilistica* (Le Monnier).

Readings and selected passages from: I poeti siciliani, I poeti del "Dolce Stil Nuovo", Dante, Petrarca, Pulci, Poliziano, Lorenzo il Magnifico, Boiardo, Ariosto, Tasso, Parini, Manzoni, Foscolo, Leopardi, Garducci, D'Annunzio, Pascoli, Gozzano, Palazzeschi, Corazzini, Ungaretti, Saba, Montale, Quasimodo.

25a. ITALIAN LITERATURE: DANTE AND THE MIDDLE AGES. (Half course.)
Lectures will be given in English. Students are not required to take the language courses as prerequisites.

First term: 3 hours. *Professor D'Andrea*

Texts: The Portable Dante (The Viking Press); R. A. Hall, *A Short History of Italian Literature* (Linguistica).

Reference: H. O. Taylor, *The Medieval Mind* (Macmillan); C. S. Lewis, *The Allegory of Love* (Oxford); U. Cosmo, *A Handbook to Dante Studies* (Oxford).

25b. ITALIAN LITERATURE: THE RENAISSANCE AND MACHIAVELLI. (Half course.)
Lectures will be given in English. Students are not required to take the language courses as prerequisites.

Second term: 3 hours. *Professor D'Andrea*

Texts: Machiavelli, *The Prince and Other Works*, trans. by Allan H. Gilbert (Farrar, Straus); R. A. Hall, *A Short History of Italian Literature* (*Linguistica*).

Reference: The Renaissance Philosophy of Man (Petrarca, Valla, Ficino, Vico, Pomponazzi, Vives), edited by Cassirer, Kristeller and Randall (Univ. of Chicago Press); W. K. Ferguson, *The Renaissance in Historical Thought* (Houghton Mifflin); L. Einstein, *The Italian Renaissance in England* (Columbia University Press); M. Praz, *Machiavelli in England* (Milford).

Italian 25a and 25b may be taken separately or in combination. If taken in combination, they offer an opportunity to study such major writers as Dante, Petrarca, Boccaccio and Machiavelli. Special emphasis will be placed on the cultural contacts of England and Italy during the Middle Ages and the Renaissance.

SECTION III

OPTIONS IN COMMERCE AND THE SOCIAL SCIENCES

ACCOUNTING

(Professor Kenneth F. Byrd - Adviser)

301a. ACCOUNTING. Third year (Half course). More advanced treatment of the work of the first two years. Consignment accounts; branch accounts; statement analysis; statements of source and application of funds; elementary treatment of amalgamations and reconstructions of limited companies.

Professor D. R. Patton

301b. AUDITING. Third year (Half course). Definition, accounting and auditing distinguished; objects and advantages of different classes of audit.

Detailed consideration of auditing theory; internal check and the auditor; the rights, duties, and responsibilities of auditors with reference to leading decisions in the courts; the discovery of errors and fraud; requirements under the Dominion and Quebec Companies Acts; divisible profits and dividends.

Audit procedure at all stages, vouching and verification, checking the postings, auditing the final accounts; programmes and working papers, audit certificate and reports.

Reference is made throughout to bulletins of the Canadian Institute of Chartered Accountants, in relation also to those of the accountancy profession in the United States and Great Britain.

Professor D. R. Patton

401 (a) ACCOUNTING. Fourth year (Half course). Revision of the work of previous years.

Joint ventures.

Instalment sales.

Preparation of consolidated accounts of Holding and Subsidiary Companies including sub-subsidiaries.

More advanced treatment of amalgamations (consolidations) and absorptions (mergers) including inter-company holdings; accounting for capital reorganization and reconstruction.

Advanced Accounting Theory in general.

Professor K. F. Byrd

401 (b) AUDITING AND INVESTIGATIONS. Fourth year (Half course). Further treatment of the work of the Third year.

Investigations: for fraud; certification of profits for prospectus purposes; sale of business by sole traders, partnerships, limited companies, with valuation of goodwill; valuation of shares; schemes of conversion to limited liability; schemes of amalgamation (consolidation) and absorption (merger); pooling schemes; schemes of reorganization and reconstruction.

Professor K. F. Byrd

402 (a) COST ACCOUNTS AND BUDGETARY CONTROL. Fourth year (Half course).

COST ACCOUNTS: Definition of cost accounting, its aims and objects; elements of cost, accounting for the purchase, storage, and issue of materials; accounting for labour; schemes of remuneration of labour including incentive schemes, co-partnership and profit-sharing; accounting for overheads, with methods of apportionment to departments and production; double entry cost accounting; job costs; process costs; estimating cost systems; standard costs and accounting for variances; closing the accounts at balance sheet date, preparation of operating statements.

BUDGETARY CONTROL: Preparation of the budget, including flexible budgets.

Professor K. F. Byrd

402 (b) INCOME TAX, BANKRUPTCY AND LIQUIDATION, EXECUTORSHIP ACCOUNTS. Fourth year (Half course).

Income Tax: Principles and legal provisions (Dominion and Provincial) and their application to the problems of assessment of individuals, partnerships and limited companies.

Particular attention to the loss carry-back and carry-forward provisions, the treatment of capital cost allowances, the avoidance of double taxation of undistributed income, personal corporations.

Payment of tax by individuals, partnerships and limited companies.

Objections and appeals: the income tax special court and higher courts.

Bankruptcy and Liquidation: Receiver's accounts: the marshalling of assets and liabilities; the statement of affairs; the deficiency account; statement of realization and liquidation; the duties of the trustee.

Executorship Accounts: Accounting for capital and income in deceased estates; statements of charge and discharge; calculation of succession duties (Dominion).

Professor K. F. Byrd

ACTUARIAL MATHEMATICS

(Professor L. P. Wood - Adviser)

335a. THEORY OF INTEREST (Half course). Simple and compound interest, discount, annuities certain, sinking funds, bonds, mortgage amortization, depreciation.

First term: 3 hours. *Professor Wood*

Text: H. Tate, *Mathematical Theory of Interest* (Pitman).

335b. MATHEMATICS OF LIFE INSURANCE (Half course). Mortality tables; Single-life annuities and assurances; premiums, reserves, dividends, basic contract provisions.

Second term: 3 hours. *Professor Wood*

Prerequisite: Mathematics 335a.

Text: Larson and Gaumnitz, *Life Insurance Mathematics* (Wiley).

337a. FURTHER CALCULUS (Half course.) Hyperbolic functions, partial differentiation, infinite series, multiple integrals, differential equations.

3 hours. *Professor C. D. Solin*

Prerequisite: Mathematics 224.

Text: H. M. Bacon, *Differential and Integral Calculus* (McGraw-Hill).

337b. DIFFERENTIAL EQUATIONS (Half course). Solution of ordinary differential equations; linear differential equations, especially with constant coefficients; solution by series.

Second term: 3 hours. *Professor Solin*

Text: Kells, *Elementary Differential Equations* (McGraw-Hill).

Prerequisites: Mathematics 224, 337a.

339a. FINITE DIFFERENCES (Half course). Methods of interpolation and summation, approximate differentiation and integration, difference equations.

First term: 3 hours. *Professor Wood*

Text: Freeman, *Mathematics for Actuarial Students* (C.U.P.).

Prerequisite: Mathematics 224 or 225.

339b. MATHEMATICAL STATISTICS (Half course). Probability, averages, measures of dispersion, normal distributions, regression, correlation, sampling.

Second term: 3 hours. *Professor Fox*

Text: S. S. Wilks, *Elementary Statistical Analysis* (Princeton University Press).

Prerequisite: Mathematics 224 or 225.

436a. ALGEBRA AND ANALYTICAL GEOMETRY. (Half course.) Inequalities, theory of equations, probability, determinants. The analytical geometry of the conic sections and of simple three dimensional figures.

3 hours. *Professor Findlay*

Prerequisite: Mathematics 224.

Text: J. R. Britton and L. C. Snively, *College Algebra* (Rinehart and Co.).

436b. ANALYTIC GEOMETRY (Half course). The analytic geometry of the parabola, ellipse and hyperbola; the general equation of the second degree; the elements of solid analytic geometry.

Second term: 3 hours. *Professor Findlay*

Text: Young, Fort and Morgan, *Analytic Geometry* (Houghton-Mifflin).

Prerequisite: Mathematics 224.

443. NUMERICAL ANALYSIS (Full course). Use of mathematical equipment (slide rule, desk calculators, integrimeter, analog computer, electronic computers).

2 hours lectures and 3 hours mathematical laboratory.

Professors Zassenhaus and Wood

Prerequisites: Mathematics 224, 337.

Text: F. B. Hildebrandt, *Introduction to Numerical Analysis* (McGraw-Hill).

450. THEORY OF LIFE CONTINGENCIES (Full course). Theory of interest. Single and Multiple Life Functions.

3 hours. *Professor Wood*

Prerequisites: Mathematics 224, 337 a and b, 339 a and b (which may be taken concurrently).

Text: C. W. Jordan, *Life Contingencies* (Society of Actuaries).

MARKETING AND MANAGEMENT

(Professor W. H. Pugsley - Adviser)

301. ELEMENTS OF MARKETING (PRINCIPLES AND PROBLEMS). Third year. An introduction to the study of marketing institutions, practices, and policies. The course includes a description and appraisal of methods of marketing industrial and consumer goods, a critical examination of distribution costs, and legislation affecting marketing.

3 hours. *Professor W. H. Pugsley*

360. INTRODUCTION TO BUSINESS ADMINISTRATION. Third year (Full course). Nature, variety and scope of business; risks and the role of management;

legal structure of the firm; the board of directors and trusteeship; determination of objectives and policy-making; internal organization and the delegation of authority; plant location, functional and line production; marketing objectives and channels of distribution; budgets and business finance; the role of research; coordination and control; personnel, social obligations of business and relations with government. Attention will also be given to business case material intended to give the student opportunity to develop analytical ability and decision-making skill.

3 hours. *Professor W. H. Pugsley*

460. PROBLEMS IN BUSINESS POLICY. Fourth year (Full course). Selected business case problems embracing the top management viewpoint: problems, policies, plans and personalities; sizing up situations: formulating policies and planning programs of action; organizing administrative personnel and putting plans into action; control, day-to-day administrative problems, follow-up and reappraisal. The problems are mostly as seen from the area where objectives are set for the company as a whole, and departmental policies and activities are coordinated. Emphasis is placed on the overall point of view to bring out how any section or department of a business will be managed to make the most effective contribution to the business as a whole.

Prerequisite: Introduction to Business Administration 360.

3 hours. *Professor W. H. Pugsley*

FINANCE

(Professor E. W. Kierans - Adviser)

421. PUBLIC FINANCE. Third or Fourth year (Full course). A seminar course divided into three parts. 1. The theory of public finance. 2. A study of Canadian public finance at the federal, provincial and municipal levels. 3. Special problems of Canadian public finance. Emphasis will be placed on Part 3, which will include consideration of such topics as tax-rental agreements, regional redistribution of income by provincial and federal governments, the effects of the Canadian tax structure on business, and the problem of stabilizing employment in the Canadian federation.

3 hours. *Professor D. E. Armstrong*

424. INTERNATIONAL TRADE AND FINANCE. Third and Fourth year (Full course). 1. Volume and composition of international trade; international commodity markets; international money and capital markets; dynamics

of trade and investment. 2. International analysis and international trade; international income flows and the mechanism of adjustment; international income flows and the level of economic activity; international trade and the international allocation of resources; the distribution of income under free and restricted trade; the gains from free and restricted trade; the international spread of income changes. 3. Ends of international economic policy; post-war recovery programmes; international monetary funds, and international monetary and exchange-rate policy; tariffs, trade agreements, and the struggle for multilateralism; the problems and possibilities of international investment; direct and portfolio; Export-Import Bank; International Bank; future of private investment and multilateral trade.

Professor J. C. Weldon

Prerequisite: Economics 321.

425a. CORPORATION FINANCE. Fourth year (Half course.) The capital supply of corporations; money and capital markets; concept and short history of business corporations; their changed structure and increased importance; the instrumentalities of corporation finance (bonds, stocks, hybrid forms and trust certificates); holding and investment companies; corporation finance in action (promotion, management, expansion, decline, and failure); security markets and their function, organization, operation, and control.

First term: 3 hours. *Professor E. W. Kierans*

425b. INVESTMENT ANALYSIS. Fourth year (Half course.) Role of investment; the investment outlets (government bonds, corporate securities, mortgages, real estate) as seen by the buyer; the concepts of income, risk, value, and appreciation; analysis of specific investment outlets; market behaviour and its analysis; investment methods.

Second term: 3 hours. *Professor E. W. Kierans*

GEOGRAPHY

(Professor F. K. Hare - Adviser)

N.B. *The first digit of each course number shows the academic year for which the course is mainly designed. Students in other years may, however, register for any course provided (i) that they have the prerequisites, and (ii) that general registration requirements are fulfilled.*

211. INTRODUCTION TO HUMAN GEOGRAPHY. (Full course.) The relation of early man to the environment; the beginnings of agricultural and pastoral economies. The major physical zones of the earth, the varieties of human

society typical of each, and the place of each zone in world trade and food production.

3 hours.

(In Arts Division) No prerequisite. *Professor G. C. Merrill*

311. NORTH AMERICA. (Full course.) Canada and the United States are divided into a small number of natural regions. In each region the physical environment as a background to man's development is first studied. Then in turn, occupation by Indian and European peoples is discussed, leading up to an examination of the present cultural landscape. The part played by the region in the life of the country and some of its problems are analysed.

3 hours. *Professors J. B. Bird and T. L. Hills*

(In Arts Division) *Prerequisite:* Geography 211.

314. THE HUMID TROPICS (Full course). A comparative regional study of the humid tropical environment with special emphasis on Latin America and the Caribbean. A study of indigenous economies; expansion of mid-latitude nations and colonialism. Present day problems of overpopulation and underdevelopment. Agricultural and industrial potentialities.

411a. THE GEOGRAPHY OF INDUSTRY. (Half course.) The influence of geographical factors on economic activity. A survey of the energy sources available to man; the demands made upon these resources in the past. The location of heavy industry, especially the steel industry in North America. A survey of industrial regions, with special reference to North America.

3 hours, first term. *Professor T. L. Hill*

411b. THE GEOGRAPHY OF AGRICULTURE. (Half course.) A study of world agricultural resources. The origins and development of modern agriculture. Crops and agricultural practices in the major agricultural regions of the world, with special attention to the underdeveloped areas. The role of the forests and marine resources in the subsistence economies.

Second term: 3 hours. *Professor T. L. Hills*

415a. GENERAL POLITICAL GEOGRAPHY. (Half course.) Political geography defined. Historical development of views about the relations between environment and nation. The concept of the nation and the geographical approach to the problems of the development and conflict of nations. Interrelations between demographic, economic, and political factors.

First term: 3 hours. *Mr. G. Michie*

415b. POLITICAL GEOGRAPHY OF EUROPE AND ASIA. (Half course.) Colonial powers and their activities. The changing political map of the world.

Geographical approach to some modern national problems. Mackinder's concepts of the Heartland and of the peripheral areas. Continental "core" and maritime outer zone. Geographical aspects of the present division of the world between the West and the communist-held areas.

Second term: 3 hours. *Mr. G. Michie*

INDUSTRIAL RELATIONS

(Professor H. D. Woods - Adviser)

341a. LABOUR ECONOMICS. Third year (Half course). The origin of labour problems in modern industrial organization; their interpretation by economic theory; the theory of wages and employment.

First term: 3 hours. *Father G. Hebert*

341b. LABOUR INSTITUTIONS. Third year (Half course). The course is designed to supplement the course in labour problems but may be taken separately. It deals with trade unions, co-operative societies, credit unions, labour political movements, labour legislation, and governmental organization in the labour field. Students are advised to take Economics 341a.

Second term: 3 hours. *Father G. Hebert*

441. INDUSTRIAL RELATIONS. Third and Fourth year (Full course). An introduction to the problems of employer-employee relations, including the management of personnel, legislation, employee organizations, and the State function and public interest in industrial relations.

3 hours. *Professor H. D. Woods*

442. COLLECTIVE BARGAINING. Fourth year (Full course). A seminar course involving an intensive study of collective bargaining institutions and techniques, grievance procedures, law and the state machinery for industrial relations. The course covers trade unionism, employers' associations, collective agreements, negotiations, the content of such agreements, conciliation, and arbitration. Experience in other industrial countries is also examined.

Students are admitted only by permission of the instructor.

3 hours. *Professor H. D. Woods*

N.B.—Students who have taken Psychology 21 in their Second year and who are following the Industrial Relations concentration may substitute approved courses in Psychology or Sociology for Economics 412, Commercial Law or Economics 361.

PSYCHOLOGY

(Professor E. C. Webster - Adviser)

Second year

21. INTRODUCTION TO PSYCHOLOGY (Full course). A biologically oriented outline of the modern approach to psychology.

2 hours and one weekly conference.

Professors D. O. Hebb and M. Stern

Text: Munn, Psychology (Houghton Mifflin).

Third year

35a. HUMAN ABILITY (Half course). An introduction to the description and theory of human ability, its correlates and the role of learning and heredity in its formation; factors producing changes in ability; sex, race and socio-economic differences.

First term: 3 hours. *Professor G. A. Ferguson*

34b. THEORY OF PERSONALITY (Half course). Consideration of current theories of personality, normal and abnormal.

Second term: 2 hours and one weekly conference.

Professor Dalbir Bindra

Fourth year

42. SOCIAL PSYCHOLOGY (Full course). Theories of social psychology; social aspects of general psychology, nature and development of group membership; social attitudes, their measurement and modification.

3 hours. *Professor W. E. Lambert*

47a. INDUSTRIAL PSYCHOLOGY. Fourth year (Half course). A critical survey of the applications of psychology to business and industry, with particular reference to the empirical bases of personnel selection and training.

First term: 3 hours. *Professor W. N. McBain*

Prerequisites: Psychology 21; Psychology 35a and 22b, or another full course (The student who lacks Psychology 22b must have some knowledge of the statistics of correlation).

47b. HUMAN RELATIONS IN BUSINESS AND INDUSTRY. Fourth year (Half course). An introduction to the study of interpersonal relations, with illustrations drawn from business; discussions of alternative ways of describing and understanding human interaction.

Second term: 3 hours. *Professor W. N. McBain*

Prerequisites: Two previous full courses in Psychology (It is recommended that Psychology 34b be included in these).

Students in Commerce desiring to prepare for a two year M.Sc. (Applied) degree course in personnel and industrial psychology should consult Professor Webster prior to registering in Fourth year.

PUBLIC ADMINISTRATION

(Professor J. R. Mallory - Adviser)

211G. COMPARATIVE GOVERNMENT. Second year (Full course). An Analysis of the basic concepts of Political Science, with illustrations drawn mainly from the experience of constitutional and dictatorial government as practised in certain modern states.

3 hours. *Professor K. B. Callard*

325b. THE GOVERNMENT OF THE UNITED STATES. Third or Fourth year (Half course). A study of the Constitution, the political institutions, and the working of Congressional Government in the United States.

Second term: 3 hours. *Professor K. B. Callard*

335a (Political Science). POLITICAL ASPECTS OF ECONOMIC POLICY. Third or Fourth year (Half course). The political framework within which economic policy in a constitutional state must be carried out. Topics to be discussed will include the machinery of anti-trust policy; the independent regulatory commission; the public corporation; central banking; the machinery of budgetary control and fiscal policy; and other forms of government control of business and the techniques of public and legislative control over government policy.

(See also Economics 335b. These two courses are normally intended to be taken together.

First term: 3 hours. *Professor K. B. Callard*

335b (Economics). GOVERNMENT AND BUSINESS. Third or Fourth year (Half course). A study of the relationships of government to the regulation of business with particular emphasis on the problem of maintaining competitive markets. Readings will cover leading law cases, as well as relevant economic literature.

(See also Political Science 335a. These two courses are normally intended to be taken together.

Second term: 3 hours. *Professor Irving Brecher*

341. PUBLIC ADMINISTRATION. Third and Fourth year (Full course). A study of the machinery of government, with examples drawn mainly from Canada, the United States, and the United Kingdom. The increasing size and complexity of modern government; the problem of bureaucracy; central control of policy; the civil service; other agencies of government, regulatory and commercial; the legislature and the administration; the courts and the administration; public control and accountability.

2 hours and conference. *Professor K. B. Callard*

(*Not given in 1958-59.*)

351. GOVERNMENT OF CANADA. Third and Fourth year (Full course). The working of parliamentary federalism in Canada. The problems of federal-provincial relations; the structure of parliamentary government; the evolution of national status.

3 hours. *Professor J. R. Mallory*

SOCIOLOGY AND ANTHROPOLOGY

(Professor David N. Solomon - Adviser)

210. INTRODUCTION TO SOCIOLOGY. Second year (Full course). A general introduction to sociological theory and the analysis of groups in modern society. The course covers comparative cultures, the social development of the individual, ethnic and class groupings, characteristics of urban life, social change, and institutional structures.

3 hours.

300a. THE COMMUNITY. Third or Fourth year (Half course). Rise of modern urbanism; human ecology and theories of urban growth; community studies on the North American continent.

3 hours. *Professor Aileen Ross*

311b. COMPLEX SOCIETIES. Third year (Half course). Social systems of modern, complex, industrial societies; scientific, economic, political, religious, health, and other institutional structures; voluntary associations; the role of small groups in institutions; bureaucratization of institutions.

3 hours. *Professor David N. Solomon*

411b. SOCIAL STRATIFICATION. Fourth year (Half course). The theory of caste and class divisions in modern society; the structure of class groups

in the United States and Canada; the criteria of rank and the symbols associated with rank; the relationship between occupation, education, and class position; problems of upward and downward mobility.

3 hours.

Professor Aileen Ross

432a. TECHNIQUES OF SOCIOLOGICAL RESEARCH I. Fourth year (Half course). The formulation of research projects; use of documents, census and other available data; collection of data through observation and interviewing; analysis of non-quantitative material.

3 hours.

Professor David N. Solomon

433b. TECHNIQUES OF SOCIOLOGICAL RESEARCH II. Fourth year (Half course). Introduction to survey research: the selection of samples, construction of questionnaires and scales, analysis and interpretation of data.

3 hours.

Professor David N. Solomon

440b. POPULATION AND MIGRATION. Fourth year (Half course). Populations and their composition; age, sex, and language groupings; birth rates, death rates, and population growth; the structure of the labour force, and changes therein; international migration, domestic migration, and the forceful transfer of populations; immigration policies. Major emphasis on the Canadian scene.

3 hours.

(*Not given in 1958-59.*)

450a. OCCUPATIONS AND PROFESSIONS. Fourth year (Half course). Historical development of specialized occupations and professions; occupational mobility; occupational choice; stages of careers; social control of relations with clients, customers, fellow workers, and other interested parties; professional and trade associations; work and the self.

3 hours.

Professor David N. Solomon

460b. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS. Fourth year (Half course). Industrial and other work institutions; the concept of bureaucracy; operation of bureaucracies; formal and informal organization of the work world; roles of managers, executives, foremen, and workers; the plant and the community; industry and society.

3 hours.

Professor David N. Solomon

Note: Sociology 450a and Sociology 460b may be regarded as a sequence in the Sociology of Work.

SCIENCE IN ECONOMIC LIFE

This course is designed to give the student an understanding of the various factors in man's physical and social environment that determine his manifold activities and his ability to utilize them to his advantage. In general, these factors are the subject matter of several sciences.

SCIENCE IN ECONOMIC LIFE (Chemistry 70) — (Full course.)

By virtue of two of its main subdivisions, inorganic and organic, chemistry presents a vast field of service to man. In this course the important principles of industrial chemistry are presented by application to commercial processes where all their aspects are studied in relation to their economic importance.

Professor Nicholls

2 hours.

McGill University



Montreal

Faculty of Engineering

Including the School of Architecture

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Institute of Education
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, and School of Household Science.)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

INDEX

	Page
Administrative Officers	1405
Admission	1413
Advanced Standing	1413
Applied Mechanics Option	1430
Architecture:	
Course in	1423
Subjects of	1450
Attendance	1414
Botany	1469
Bursaries	1417
Certificates Recognized	1411
Chemical Engineering:	
Course in	1426
Subjects of	1455
Chemistry	1457
Civil Engineering:	
Course in	1423, 1428
Subjects of	1462
Classics	1470
Classification of Marks	1418
Committees	1406
Courses of Instruction	1420
Curriculum	1420
Degrees	1408
Discipline	1416
Economics and Political Science	1471
Elective Courses	1469
Electrical Engineering:	
Course in	1432
Subjects of	1473
Employment	1448
Engineering Courses	1421
Engineering Law	1479
Engineering Physics	1445
Engineering Practice	1478
English	1480
Entrance Requirements	1410
Essays	1448
Examinations	1417

	Page
Fees	1416
Field Schools	1447
First Year Course	1421
Geography	1471
Geological Sciences	1481
German	1471
Health Service	1417
History	1472
Junior Matriculation	1410
Library	1478
Loan Funds	1417
Mathematics	1483
Mechanical Engineering:	1423, 1434
Course in	1487
Subjects of	1436
Mechanical Sciences option	1417
Medical Examination	1438
Metallurgical Engineering:	1493
Course in	1440
Subjects of	1442
Metal Sciences option	1497
Mining Engineering:	1472
Course in	1500
Subjects of	1417
Music	1414
Physics	1472
Prizes	1417
Registration	1422
Romance Languages	1411
Scholarships	1418
Second Year Engineering Course	1508
Senior Matriculation	1448
Societies	1447
Standing and Promotion	1473
Summer Essays	
Summer Schools	
Zoology	

Faculty of Engineering

OFFICERS AND COMMITTEES

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. *Principal*

David L. Thomson, M.A., Ph.D., LL.D., F.C.I.C., F.R.S.C. *Vice-Principal*

Donald L. Mordell, M.A. *Dean of the Faculty*

George W. Joly, B.A., M.Eng. *Assistant Dean of the Faculty*

John Bland, B.Arch., A.M.T.P.I., F.R.A.I.C., A.R.I.B.A. *Director of the School of Architecture*

G. A. Grimson, B.Com. *Comptroller*

J. H. Holton, B.Com. *Secretary of the Board of Governors*

Colin M. McDougall, D.S.O., B.A. *Registrar*

Richard Pennington, B.A., Lib.Dip. *University Librarian*

E. Clifford Knowles, B.D., M.A. *University Chaplain and Student Counsellor*

J. U. MacEwan, M.S. *Secretary of the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Engineering, is printed as a separate announcement which may be obtained from the Registrar's Office.

STANDING COMMITTEES OF THE FACULTY

ADMISSIONS

Professor Wilson (*Chairman*), the Registrar, and Professors Morrison, Rosenthall, and Collins

ADMISSION TO ADVANCED STANDING FROM OTHER UNIVERSITIES

Professors Joly (*Chairman*), Pavlasek, Stachiewicz, and Phillips

ADVISORY COMMITTEE ON THE SCHOOL OF ARCHITECTURE

Professor John Bland (*Chairman*), Messrs. E. I. Barott, H. L. Fetherstonhaugh, J. C. McDougall, and J. J. Perrault

CURRICULUM

Dean Mordell (*Chairman*), Professors Bland, MacEwan, Morrison, Phillips, Bruce, d'Ombrain, Craig, and Joly

EMPLOYMENT

Professors Morrison (*Chairman*), Pakalnins, and Cherna

ENGINEERING PHYSICS

Professors d'Ombrain (*Chairman*), Farnell, Tate, P. R. Wallace, and Woontoon

INVIGILATION

Professor Cherna (*Chief Invigilator*), and Mr. Comsa

LIBRARY

Professors Pavlasek (*Chairman*), de Stein, Howes, Craig, and Bruce

REGISTRATION, STANDING, AND PROMOTION

Dean Mordell (*Chairman*), Professors Joly, Bland, Bruce, de Stein, MacEwan, and Pavlasek

SCHOLARSHIPS, BURSARIES, AND LOANS

Professors Bruce (*Chairman*), de Stein (*Vice-Chairman*), Bland, Marshall, Stachiewicz, Morrison, Phillips, Rosenthall, and Yates

SUMMER ESSAY PRIZES—THIRD YEAR

Professors Schippel (*Chairman*), and Mennie

SUMMER ESSAY PRIZES—FOURTH AND FIFTH YEARS

Professors Neilson (*Chairman*), Edis, Farnell, Morrison, Phillips, and Yates

TIME TABLE

Professors Selby (*Chairman*), Bland, Covo, Godard, and Mr. Waterston

Faculty of Engineering

GENERAL INFORMATION AND REGULATIONS

The purpose of the courses of instruction offered by the Faculty of Engineering is to provide training in science and its application to the practice of engineering in its various fields. The School of Architecture is a part of the Faculty of Engineering.

Commencing with the session 1949-50 the training in engineering was changed from one pre-engineering year in the Faculty of Arts and Science and four years in the Faculty of Engineering to five years in the Faculty of Engineering.

COURSES AND DEGREES

ENGINEERING

DEGREES OFFERED: Bachelor of Engineering (B.Eng.), in the departments of Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mining Engineering, and in Engineering Physics, mention being made in the diplomas of the particular course of study pursued.

Students who take the Bachelor of Engineering degree in one course may graduate in another course by attending one or more subsequent sessions and passing the prescribed additional examinations.

PERIOD OF STUDY: Five years.

ENTRANCE QUALIFICATIONS: First year, Junior Matriculation; Second year, Junior and Senior Matriculation with sufficiently high standing. (See pages 1410 and 1411.) The entrance requirements for students of United States schools and for students from Great Britain are stated on page 1412. Students who meet the above requirements apply to the Registrar's Office for admission.

ARCHITECTURE

DEGREE OFFERED: Bachelor of Architecture (B.Arch.).

PERIOD OF STUDY: Six years.

ENTRANCE QUALIFICATIONS: The entrance requirements in Architecture are the same as those for the Engineering courses (see above). The length of the course is six years, the First year being identical with the First year in the Faculty of Engineering.

PRIVILEGES OF THE HOLDERS OF THESE DEGREES

Among the privileges enjoyed by graduates of the Faculty of Engineering the following may be specially mentioned:

(1) By a resolution of the Institution of Civil Engineers of Great Britain, the holders of the degree of B.Eng., who are desirous of becoming Associate Members of the Institution, may be exempted from Parts A and B of the examinations prescribed for admission to the Institution.

(2) By the Dominion Lands Surveys Act, any graduate in civil or mining engineering may have his term of apprenticeship for the Dominion Land Surveyor's certificate shortened from three years to one.

(3) Holders of the degree of B.Eng. are admitted to practise in Quebec upon graduation, provided that they register with the Corporation of Professional Engineers of Quebec upon entering the Faculty. Students entering the Faculty should therefore obtain the necessary application forms from the Dean's Office, complete them, and return them to that office.

(4) The School of Architecture is recognized by the Royal Institute of British Architects and the instruction given meets the requirements of the Board of Architectural Education of that body. Students who obtain the degree of B. Arch. are exempted from the final examination for the associateship of the Royal Institute except in the subject of professional practice, in which they are required to take a paper set by the Institute's examiners. On passing this they are eligible for candidature as "Associate R.I.B.A."

(5) The Province of Quebec Association of Architects admits holders of the degree of B.Arch. to membership, and thereby to practise in the Province, on passing an examination in professional practice and after spending one year in the office of a member of the Association.

GENERAL

The undergraduate work of the University in Architecture and in the following fields of Engineering: Chemical, Civil, Electrical, Mechanical, Metallurgical, Mining and Engineering Physics, is done in the Faculty of Engineering.

AGE OF ADMISSION

Except in special circumstances, no student under the age of sixteen is admitted to the First year, or under the age of seventeen to the Second year.

MEN AND WOMEN

Both men and women are admitted to the Faculty of Engineering.

THE TWO TERMS

The regular session is divided into two terms, the first starting about the 25th of September and the second starting about the 12th of January. (For Calendar, see the General Information Pamphlet.) For students entering the First year however, the first term begins two weeks earlier. Students commencing a year in the Faculty are normally permitted to enter only in the first term.

ENTRANCE REQUIREMENTS

Eligibility to enter the University through Junior or Senior Matriculation is determined fundamentally by reference to the standards maintained by the McGill School Certificate Examinations. These examinations are described in the School Certificate Examinations Announcement, but the names of the required papers are given below. The pass mark is in all cases 50%. Certain other public examinations also recognized for admission to the University are listed on page 1412. A student with incomplete qualifications cannot be admitted as a regular undergraduate.

ENTRANCE THROUGH McGILL SCHOOL CERTIFICATE EXAMINATIONS—

ENTRANCE TO THE FIRST YEAR —Junior Matriculation

For admission to the first year of the B.Eng. courses a candidate must pass the following papers in the University's Junior School Certificate Examination, obtain an over-all average of at least 60%, and obtain at least 60% in every paper written in Mathematics, Physics, and Chemistry, or in subjects taken in lieu of the latter two.

No. of Papers	Subject
2	English
1	General History
2	French *or* German (both papers)
1	Elementary Algebra
1	Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen), *or* any two of the following papers not already chosen. (a) Intermediate Algebra (b) Trigonometry

(c) Biology *or* Botany (Biology and Botany may not both be chosen)
(d) Chemistry
(e) Geography
(f) Physics
(g) British History *or* Canadian History (both may not be chosen)
(h) Music *or* Drawing (Music and Drawing may not both be chosen)
(i) North American Literature.

ENTRANCE TO THE SECOND YEAR —Senior Matriculation

English
Mathematics (Algebra, Trigonometry, *and* Co-ordinate Geometry)
Physics
Chemistry
French *or* German* *or* Spanish *or* Greek *or* Latin *or* Biology *or* Geography *or* History.

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, under certain circumstances, Junior or Senior Matriculation standing for admission to the Faculty of Engineering and to other faculties and schools.

The Admissions Committees of the various faculties require generally that:

(1) The certificate has been obtained under no easier conditions than those of McGill Matriculation.

(2) The subjects of the examination and the school course followed are those the University requires.

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without first having obtained an official acceptance of their application.

The following gives a brief outline of the certificates and examinations which will be considered on their merits towards meeting the University entrance requirements. For complete details see the School Certificate Examinations Announcement.

*A candidate who has passed the two papers in Junior School Certificate French may obtain Engineering Senior Matriculation standing in German by passing the Junior School Certificate examinations in this subject.

I. FOR ADMISSION TO THE FIRST YEAR OF THE B.Eng. AND B.Arch. COURSES

CANADA

The recognized Junior Matriculation or equivalent examinations of the various provinces.

GREAT BRITAIN

In the General Certificate of Education, passes in five subjects, including Mathematics and at least one Science, will be the minimum standard for admission. A pass in Religious Knowledge cannot be counted among the five.

UNITED STATES

The tests of the College Entrance Examination Board.

All candidates from the United States must write these tests, preferably at the January or the March session. The Scholastic Aptitude tests and three Achievement tests, chosen with the advice of the applicant's school principal from Intermediate Mathematics, Advanced Mathematics, Physics, and Chemistry, should be taken. Further particulars may be obtained from the Registrar's Office.

MISCELLANEOUS

Other certificates such as those issued by universities or public examining boards will be judged on their merits and accepted if they meet all the University requirements.

II. FOR ADMISSION TO THE SECOND YEAR OF THE B.Eng. AND B.Arch. COURSES

Students from B.Sc. 1 who have completed the required courses of First year Engineering will be considered for admission to Second year Engineering. Applications for admission are to be made to the Registrar's Office.

CANADA

The recognized Junior and Senior Matriculation or equivalent examinations of the various provinces.

GREAT BRITAIN

In the General Certificate of Education, passes in seven appropriate subjects including two at Advanced level. Religious Knowledge cannot be counted in the seven papers.

UNITED STATES

Completion of one year in an approved college with a suitable syllabus and good grades.

APPLICATION FOR ADMISSION

Students are normally permitted to enter at the beginning of the first term only.

Students desiring to enter the Faculty of Engineering must make application on forms which may be obtained from the Registrar's Office. Completed forms must reach the Registrar before August 31st.

It is advantageous for candidates to make preliminary application on the proper forms as early in the year as possible, supplementing this later with the required certificates, transcripts, etc., as these become available.

Applicants should note that clear photo-copies of original documents are acceptable if submitted in duplicate. Sending such copies avoids the risk of losing the originals in the mail.

Students whose native language is not English must satisfy the Registrar that their command of written and spoken English is fluent.

ADMISSION TO ADVANCED STANDING

Students of other colleges or universities who desire to enter any year in this Faculty other than the First or Second, should apply in writing to the Dean of the Faculty not later than July 31st preceding the session it is desired to enter. Such application should state the course the student wishes to enter, and must be supported by an official transcript of the applicant's record at the institution he is leaving, which transcript should be sent directly from the registrar of such institution to the Dean of this Faculty.

To obtain a Bachelor's degree a student must spend at least two years in the Faculty of Engineering.

Graduates of other faculties of McGill University desiring to proceed to the degree of B.Arch., or B.Eng. should consult the Dean of this Faculty for information regarding the regulations governing such procedure.

REGISTRATION, ATTENDANCE, AND DISCIPLINE

REGISTRATION DAYS—FIRST YEAR

Registration Day for students entering the First year of the Faculty of Engineering is Thursday, September 11th, 1958. Registration hours are 9:00 a.m. to 12:00 noon, and 2:00 p.m. to 4:00 p.m. All registration takes place in the Macdonald Engineering Building.

After this Registration Day no students will be registered in First year Engineering until Monday, September 22nd, 1958. Students registering on this second registration day must pay a late registration fee of $5.00.

Students registering in First year Engineering after Monday, September 22nd, 1958, but before Wednesday, October 15th, 1958 must pay a late registration fee of $10.00. After October 15th no student will be admitted except by special permission of the Faculty.

REGISTRATION DAYS—ALL STUDENTS EXCEPT FIRST YEAR

Registration Day for students entering the Second, Third, Fourth and Fifth years of Engineering and Architecture, and Sixth year Architecture is Monday, September 22nd, 1958. Registration hours are 9:00 a.m. to 12:00 noon, and 2:00 p.m. to 4:00 p.m. All registration takes place in the Macdonald Engineering Building.

After this Registration Day no students will be registered in the Second, Third, Fourth, or Fifth years of Engineering and Architecture or Sixth year Architecture until Monday, September 29th, 1958. Students registering on this second registration day must pay a last registration fee of $5.00.

Students registering in the Second, Third, Fourth or Fifth years of Engineering and Architecture and Sixth year Architecture after Monday, September 29th, 1958, but before Wednesday, October 15th, 1958, must pay a late registration fee of $10.00. After October 15th no student will be admitted except by special permission of the Faculty.

ATTENDANCE—FIRST YEAR

1. Students of the First year are required to attend at least seven-eighths of the total number of lectures or laboratory periods in each course. Those whose unexcused absences exceed one-eighth of the total number of lectures in a course are not permitted to sit for the regular examination in that course, and those whose unexcused absences have exceeded one-fourth must repeat the work in that course.

No student in any year will be permitted to sit for the examinations unless he has fulfilled the requirements of the course to the satisfaction of the Instructor and of the Dean.

Excuses for absences in excess of one-eighth are dealt with only by the Dean and are not entertained except in cases of serious illness (which must be vouched for by a proper medical certificate), domestic affliction, and such other cases as are provided for by special regulations of the Faculty. Medical certificates covering absences must be presented at the Dean's office by the student immediately after his return to University work. Such certificates are filed, and, if they are accepted, the Dean will give the student a statement excusing the absences covered; this must be shown to all professors concerned as promptly as possible.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean of the Faculty.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture students are not allowed to enter, except with the permission of the professor. If permitted to enter, they report themselves at the close of the lecture and are marked "late". Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of the lecture are marked absent.

ATTENDANCE — UPPER YEARS

Students should realize that regular attendance at all scheduled exercises is in their best interests and should make every effort to attend regularly. To allow as much freedom as is consistent with efficient teaching, the following regulations apply:

1. Attendance is not compulsory except in the First year.

2. For other years an instructor may keep records of attendance at laboratory exercises and the like, if he so desires, and is authorized to deal with cases of unsatisfactory attendance at such exercises.

3. Students who have been absent for any reason for three or more teaching days shall report to the Dean's Office immediately upon their return to classes.

4. Lectures begin at five minutes after the hour and end at five minutes before the hour. After the beginning of a lecture students are not admitted, except by permission of the lecturer.

5. Abuse of these regulations will be dealt with as a matter of discipline by the Dean of the Faculty.

DISCIPLINE

The University regulations concerning discipline are administered by the several Faculties, subject, when necessary, to revision or confirmation by Senate.

FEES

Regular fees and special fees are given in the General Information pamphlet enclosed with this Announcement.

SPECIAL FEES IN ENGINEERING

SUMMER SCHOOLS — Students who are eligible to attend summer schools in May or September as part of their regular course pay $10 as a caution money deposit. Students taking summer schools as extra courses will pay $35, plus a caution money deposit of $10. Students in Mining Engineering pay an additional fee of $50 for the Mining Field School.

Students attending the Summer School in Mechanical Drawing for the first time to make up a deficiency will pay $10.00; for those attending as a supplemental the fee will be $20.00.

DATES FOR PAYMENT

Fees are due and payable at the Chief Accountant's Office between the hours of 9 a.m. and 4 p.m. (Saturday 9 a.m. to 11 a.m.) from Thursday, September 11th to Thursday, October 2nd, inclusive.

If desired, fees may be remitted by mail before the above dates, with Fee Coupon attached. The second instalment of tuition fees is due and payable by January 15th. An additional $2 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Immediately after the prescribed dates for the payment of fees, the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or satisfactory arrangements are made with the Chief Accountant.

SCHOLARSHIPS, BURSARIES, PRIZES, MEDALS, AND LOAN FUNDS

Details of scholarships, bursaries, and loan funds will be found in the Scholarships, Bursaries, and Loan Funds Announcement which may be obtained from the Registrar's Office.

HEALTH SERVICE

Information concerning the University Health Service will be found in the General Information pamphlet enclosed with this Announcement.

Those engaged in certain branches of mining and metallurgical work are subject by provincial authorities and mining companies to regulations regarding physical fitness, with particular reference to chest conditions and sight. Students registering for courses in Mining or Metallurgical Engineering are therefore required to undergo a special medical examination to determine their fitness. Convenient arrangements are made through the University Medical Officer for such examinations. While assisting students to determine their degree of fitness, the University assumes no responsibility for decisions made by those administering the regulations referred to above.

EXAMINATIONS

See also Regulations concerning Standing and Promotion, page 1508.

1. Final examinations are normally held in all lecture subjects. The pass mark is 50 per cent. Class examinations for which credit is given in sessional standing are held at the option of the instructor or at the request of the Faculty.

2. Supplemental examinations are held in August-September which those students may write who have a standing PASSED INCOMPLETE (See Regulations concerning Standing and Promotion, page 1508). The pass mark is 50 per cent.

3. The pass standard in examinations which a candidate has already had two opportunities to write is 60 percent.

4. Special supplemental examinations are not held.

5. Failures in laboratory subjects may under certain conditions be made good by attending special classes during the late afternoons of the first two months of the following session. No student is permitted to attend these schools unless he has made at least 30 per cent in the subject of the school. These classes must be completed and the results reported to

Faculty on or before December 1st. A summer school in mechanical drawing for students who are deficient or conditioned in Courses 521 or 541 will be held during September. The fee for this school is $20.

7. Classes of academic standing:

Class I	80-100 per cent
Class II	65-79 per cent
Class III	50-64 per cent

WITHDRAWALS FOR LOW STANDING

Any undergraduate student of the first three years who at the end of the first term has failed to obtain an average of 33 per cent of the weighted value of the examinations regularly scheduled in November and January on the work of that term, may be required to withdraw from the Faculty.

SOCIETIES

1. Upon entrance into the Faculty, all undergraduate students automatically become members of the Engineering Undergraduates Society.

2. The students also support the Society of the Phi Epsilon Alpha. The members of this society are selected from graduates and undergraduates in engineering, and its object is to encourage high standards of character and scholarship.

3. Students in all departments of engineering are strongly recommended to become student members of the Engineering Institute of Canada, for which a fee of $3 is required. They are then entitled to the Journal of the Institute, to the use of the Institute's building, 2050 Mansfield Street, Montreal 2, and to attend the weekly meetings. Students are invited to compete for the prizes which are offered by the Institute.

4. Students in Mining Engineering and in Metallurgical Engineering are strongly recommended to become members of the McGill Mining and Metallurgical Society, which, although a student body, is affiliated with the Canadian Institute of Mining and Metallurgy, the headquarters of which are in the Drummond Building, 1117 St. Catherine St. W., Montreal 2. Members of this Society receive the Monthly Bulletin of the Transactions of the Institute free, and are entitled to attend meetings and to compete for prizes offered.

5. Students in Architecture are recommended to become student members of the Province of Quebec Association of Architects, for which a fee of $1.00 is required. They are then entitled to use the library of the Association, 620 Cathcart Street, Montreal 2.

6. Students in Electrical Engineering are strongly recommended to become Student Members of either the Institute of Radio Engineers or the American Institute of Electrical Engineers. Both of these societies have Montreal sections which hold regular meetings at which the speakers are prominent engineers from all over the continent. Student Members receive notices of meetings, and the monthly publication of either society.

7. Students in Mechanical Engineering may become Student Members of either the Society of Automotive Engineers or the Canadian Aeronautical Institute if they wish. Both of these societies have Montreal branches which hold regular meetings.

Courses of Instruction

Instruction in this Faculty is designed to afford thorough training of a practical as well as theoretical nature in the following branches:

I—Architecture
II—Chemical Engineering
III—Civil Engineering
IV—Electrical Engineering
V—Mechanical Engineering
VI—Metallurgical Engineering
VII—Mining Engineering
VIII—Engineering Physics

A note concerning graduate courses follows the list of undergraduate courses in each department. Details are given in the Announcement of the Faculty of Graduate Studies and Research.

CURRICULUM

The curriculum as laid down in the following pages may be changed from time to time, as deemed advisable by Faculty, and is in no case binding beyond the session covered by this Announcement.

The course for a degree in any branch of Engineering is one of five years, and for a degree in Architecture the course is a six-year one.

The degree in Engineering will not be conferred upon any candidate until he has passed the prescribed examinations of his course, and has submitted satisfactory evidence to Faculty of having had a minimum of six months of experience in practical engineering work. Similar regulations apply to the degree in Architecture. See page 1448. Forms for reporting employment, which must be signed by the employer, are available from the Dean's Office. To report employment for the summer of 1958 they must be returned to the Dean's Office not later than 12 noon, October 25th, 1958.

The first three years of the Engineering courses are devoted largely to Mathematics, Mechanics, Physics, Chemistry, and Drawing, as it is necessary that students in these courses should master the general principles underlying scientific work before commencing professional subjects.

In certain courses, students are required to attend summer schools, following the completion of the work of the session in the Second, Third and Fourth years: for details, see page 1447.

ENGINEERING COURSES

The following schedules set out the various courses as it is expected they will be given during the session to which this Announcement applies, but the Faculty of Engineering reserves its right to alter them if it deems desirable. Notice of such alteration is posted for the information of students.

The subjects of instruction in the First year of the engineering courses, and the number of hours per week devoted to each, are as follows:

Engineering and Architecture

FIRST YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
REGULAR COURSES					
**Engineering Drawing I	511	..	..	3	3
Chemistry	902 (11)	3	3	3	3
English	{1000 (100)* / 1001 (100c)}	4	4	..	..
Mathematics	1200 (111)	3	3	..	..
Engineering Problems	1202	..	..	2	2
Physics	1311 (11)	3	3	2	2
Elective to be chosen by student from list below					
Total hours		13 plus elective	13 plus elective	10 plus elective	10 plus elective

*Figures in parentheses give subjects as numbered by Faculty of Arts and Science

**No student will be permitted to clear deficiencies in the drawing courses during the academic session.

A special Summer School session is given for this purpose and students must clear their deficiencies during this period.

Students entering First year Engineering who have passed their Junior Matriculation examinations with a very high standing and who wish to register for one additional subject must make application to do so at the time of applying for admission to the Faculty.

ELECTIVE COURSES

Biology 1402
French 1491 or 1493
Economic History 1430
Geography 1442
German 1450 or 1451
History 1460
Latin 1425 or 1426
Music 1480
Spanish 1495

Descriptions of these elective courses are given on pages 1469 to 1473.

Engineering

SECOND YEAR

(For Second Year Architecture, see page 1424)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	320	2	2	2	2
Surveying	324	..	2	..	..
Summer School	352	..	..	..	..
*Engineering Drawing II	521	..	..	3	3
Descriptive Geometry	522	1	1	2	2
El. Physical Chemistry and Laboratory	922	2	2	1	1
Algebra	1220	2	..	..	..
Analytic Geometry	1222	2	2	..	..
Calculus	1224	3	3	..	..
Mensuration and Spherical Trigonometry	1226	..	2	..	..
Physics and Laboratory	1320	3	..	2	2
Physics and Laboratory	1322	..	3	..	..
History of Science	1520	1	..	..	..
Total hours		16	17	10	10

Note: Students who complete Second year Engineering may enter Third year Architecture by making up deficiencies in Architectural Drawing and Elements of Design 115, and History of Architecture 116.

*No student will be permitted to clear deficiencies in the drawing courses during the academic session.

A special Summer School session is given for this purpose and students must clear their deficiencies during this period.

A special summer school in Engineering Drawing of two weeks duration will be made available for such students as enter Second year with senior matriculation and with a deficiency in Engineering Drawing 511.

This will be held from Monday, September 8th to Friday, September 19th, 1958.

The subjects of instruction in the Third year for students who intend to enter the regular Civil Engineering or Mechanical Engineering courses, and the number of hours per week devoted to each, are as follows:

THIRD YEAR

Civil and Mechanical Engineering

SUBJECT	Course Number	Lectures hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics	340	2	2	..	..
Surveying	350	2	..	..	..
Surveying Problems	351	..	..	3	..
*Summer School	352	..	..	..	..
**Engineering Drawing III	541	..	..	3	3
Mechanics of Machines	542	..	1	..	3
‡Machine Shop I (Mechanical Engineering only)	543	..	..	3	3
Summer Essay	830	..	..	..	..
General Geology	1142	2	2	2†	2
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1540	1	1	..	..
Total hours		12	11	11 or 14	11 or 14

*Counted as part of Third year curriculum, but taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1447).

**No student will be permitted to clear deficiencies in the drawing courses during the academic session.

A special Summer School session is given for this purpose and students must clear their deficiencies during this period.

†During the first few weeks the laboratory work is replaced by field excursions.

‡Students wishing to enter Fourth year Mechanical Engineering who have not taken Machine Shop I will take this course in a Special Summer School in September preceding Fourth year.

See Regulations governing "Promotion," pages 1508 to 1510.

I. ARCHITECTURE

The course for the degree of Bachelor of Architecture extends over six years and aims to provide a basic training in the building arts and sciences. The First year is the regular First year of the Faculty of Engineering. The Second year is the regular Second year of the Faculty of Engineering with an alternative in Drawing and History of Architecture. The subjects of Building Construction, Architectural and Structural Design, History of Architecture, Civic Design, Acoustics, Electrical and Mechanical Services of Buildings, and Community Planning are taken during the Third, Fourth and Fifth years. The work of the Sixth year is largely architectural design and professional practice.

FIRST YEAR

As in engineering courses (see page 1421).

Architecture
SECOND YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Architectural Report	117	..	..	..	..
Architectural Drawing and Elements of Design	115	1	1	6	6
History of Architecture	116	2	2	..	..
Mechanics	320	2	2	2	2
Surveying	324	..	2	..	..
Summer School	352	..	..	..	..
Algebra	1220	2	..	..	..
Analytic Geometry	1222	2	2	..	..
Calculus	1224	3	3	..	..
Mensuration and Spherical Trigonometry	1226	..	2	..	..
Physics and Laboratory	1320	3	..	2	..
Physics and Laboratory	1322	..	3	..	2
History of Science	1520	1	..	..	..
Total Hours		16	17	10	10

Note: Students who complete Second year Architecture may enter Third year Engineering by making up deficiencies in Engineering Drawing 521, Descriptive Geometry 522, and Elementary Physical Chemistry and Laboratory 922.

A special Summer School in Engineering Drawing of two weeks duration will be made available for such students as enter Second year with senior matriculation and with a deficiency in Engineering Drawing 511.

Architecture
THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Architectural Report	130	..	..	9	12
Building Construction	131	1	1	3	3
Elements of Design	132	..	..	3	3
Freehand Drawing	133	..	..	..	..
History of Architecture	134	2	2	..	..
Materials of Engineering	342	1	1	..	..
Mechanics	340	2	2	..	..
Surveying	350	2	..	3	..
Surveying Problems	351	..	..	..	..
*Summer School	352	..	..	..	..
Summer Essay	830	..	..	..	..
Calculus	1242	2	2	..	..
Total hours		10	8	18	18

*Counted as part of Third year curriculum, but taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1447).

See Regulations governing promotion, pages 1508 to 1510.

Architecture

FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Civic Design	145	1	1	..	..
Architectural Report	146	..	..	..	..
Building Construction	147	2	2	..	..
Design A	148	..	..	15	6
Freehand Drawing	150	..	..	3	3
History of Architecture	151	2	2	..	..
Design Workshop	162	..	..	3	3
Elements of Structural Design	360	..	2	..	2
Foundations	362	1	1	..	3
Strength of Materials	373	2	2	..	3
*Electrical Services	490	2	..	..	..
Summer Essay	840	..	..	..	..
Total hours		8 or 10	10	21	20

*Given to combined Fourth and Fifth years in alternate years. Course 490 will be given in session 1958-59.

Architecture

FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Social Observation	152	2	2	..	..
Architectural Report	160	..	..	..	..
Design B	161	1	1	15	18
History of Architecture	163	2	2	..	..
Planning	164	2	2	..	..
Sketching School	165	..	..	..	..
Design Workshop	178	..	..	3	..
Strength of Materials	390	1	..	3	..
*Electrical Services	490	2	..	..	..
Mechanical Services	578	1	1	..	3
Summer Essay	850	..	..	..	..
Acoustics of Buildings	1380	1	..	..	2
Engineering Practice I	1561	..	2	..	..
Total hours		10 or 12	10	21	23

*Given to combined Fourth and Fifth years in alternate years. Course 490 will be given in 1958-59.

Architecture

SIXTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Sketching School	166	..	..	..	..
Architectural Report	175	..	..	24	27
Design C	176	..	..	2	..
Design Seminar	177	..	..	..	..
History of Architecture	179	2	2	..	..
Professional Practice	180	1	1	..	..
Specifications	181	1	1	..	..
Summer Essay	860	..	..	..	..
Engineering Practice II	1580	2	..	..	..
Total hours		6	4	26	27

II. CHEMICAL ENGINEERING

The aim of this course is to provide a broad fundamental training, which, when supplemented by practical experience, will make the engineer competent to design and operate industrial plants and to understand the processes.

Part of the time in the Third year is devoted to Chemistry in addition to general engineering subjects. In the Fourth year, time is divided between Chemistry and Engineering, and Chemical Engineering topics are introduced. The Fifth year is devoted mostly to Chemistry and Chemical Engineering, including a course in unit operations.

Students must attend a summer school in Chemical Engineering at the end of the Fourth year.

FIRST AND SECOND YEARS

As in other Engineering courses (see pages 1421 and 1422), except that students do not take the Summer School in Surveying Field Work 352.

Chemical Engineering
THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Chemical Engineering Problems	240	1	1	2	2
Materials of Engineering	342	1	1	..	..
Mechanics	340	2	2	..	..
Summer Essay	830	..	..	..	..
Systematic Chemistry	940	2	2	..	..
Inorganic Quantitative Analysis	944	1	1	6	6
Organic Chemistry	948	2	2	..	..
Organic Chemistry Laboratory	950	..	..	3	3
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1540	1	1	..	..
Total hours		14	14	14	14

See Regulations governing promotion, page 1508.

Chemical Engineering
FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Chemical Technology	260	2	2	..	..
Elementary Chemical Engineering	264	2	2	..	..
Thermodynamics	268	2	2	..	..
‡Summer School	270	..	..	..	..
Strength of Materials	373	2	2	..	3
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Advanced Organic Chemistry	962	2	2	6	6
High Polymers (extra)	966	1	1	..	..
Intermediate Physical Chemistry Laboratory	968	..	..	3	3
*Mineralogy	1162	2	2	3	..
*Differential Equations	1260	2	2	..	..
Engineering Reports	1560	1	1	..	..
Engineering Practice I	1561	..	2	..	..
Total hours		17	17	14 to 17	15

*Alternates.
‡Taken in four weeks following the close of the Fourth year.

Chemical Engineering

FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Chemical Engineering A	280	3	3	..	..
Chemical Engineering B	282	3	3	..	..
Chemical Engineering Design	284	..	2	..	..
Chemical Engineering Laboratory	286	..	..	6	6
Thermodynamics	288	2	2	..	..
Elements of Electrical Engineering	470	2	2	..	..
Electrical Engineering Laboratory	472	..	..	3	3
Summer Essay	850	..	..	..	..
Advanced Physical Chemistry	982	2	2	..	..
Advanced Physical Chemistry Laboratory	984	..	..	3	3
Colloid Chemistry	986	1	1	..	..
Electrochemistry	988	1	1	..	..
Engineering Practice II	1580	2	..	..	..
Engineering Law	1581	2	..	..	..
Total hours		18	16	12	12

III. CIVIL ENGINEERING

REGULAR COURSE

The regular course of study is designed to emphasize the fundamental principles of mechanics, strength of materials, design of structures, and hydraulics, at the same time affording an opportunity of applying these principles to practical problems ranging widely over the field of civil engineering. A sound foundation is laid for future specialization. The outlook of the student is broadened by courses in Mechanical, in Metallurgical, and in Electrical Engineering. In the designing courses special attention is given to the interpretation and critical discussion of specifications and to the economic factors involved.

FIRST, SECOND AND THIRD YEARS

As in other Engineering courses (see pages 1421 and 1422), with additional Summer School for students entering Third year (see page 1447).

Civil Engineering (Regular Course)

FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Structural Design	360	..	2	..	2
Foundations	362	1	1	..	3
Hydraulics	364	2	..	3	..
Map Projections (extra)	368	1	..	2	..
Mechanics	370	2	..	..	..
Railway and Highway Engineering	371	2	1	6	3
Strength of Materials	373	2	2	..	3
Surveying	376	2	2	..	..
*Summer School	377	..	..	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Engineering Reports	1560	1	1	..	..
Engineering Practice I	1561	..	2	..	..
Total hours		15 or 16	13	14 or 16	14

*Taken in four weeks following the Third year.

Civil Engineering (Regular Course)

FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Advanced Structural Design	380	2	2	6	6
*Foundations and Reinforced Concrete	382	..	2	..	3
*Geodesy	384	..	2	..	..
*Geodetic Laboratory	385	..	..	..	3
Hydraulic Machines	386	..	2	..	..
Municipal Engineering	387	4	..	3	..
*Photogrammetry	388	..	2	..	3
Strength of Materials	389	1	2	3	..
Theory of Structures	392	1	2	3	6
†Summer School	394	..	..	..	..
Urban Planning	395	1	1	..	..
Elements of Electrical Engineering	470	2	2	..	..
Electrical Engineering Laboratory	472	..	..	3	3
Summer Essay	850	..	..	..	..
Engineering Practice II	1580	2	..	..	..
Engineering Law	1581	2	..	..	..
Total hours		15	13	18	18

†Taken in four weeks following Fourth year.
*Alternates; Course 382 *or* Courses 384 and 385 *or* Course 388, to be taken.

APPLIED MECHANICS OPTION

The courses of study in the applied mechanics option are designed to give rather more emphasis to the field of applied mechanics than is given in the regular civil engineering course. A broad mathematical foundation is provided, permitting a more intensive treatment of technical phases of applied mechanics, including fluid mechanics and vibrations. The work of the regular course in Railway and Highway Engineering, Geodesy, and Municipal Engineering is omitted, but all the basic engineering of the regular course is retained. The training is designed for those students who wish to fit themselves for positions in the field of advanced structural design, and for graduate and research work in this and allied fields.

A student electing this option may revert to the regular civil engineering course at the end of his Third year without making up the regular work missed, provided his standing in all other respects is satisfactory. Reversion at the end of the Fourth year involves making up certain of the work missed. Students who make only low pass standing will be required to revert.

Registration for this option is restricted to students whose general background, and whose standing attained in the Second year, particularly in mathematics, indicate that they can profit by it. Students intending to register for this option should consult with the Chairman of the Department and obtain his approval of such registration prior to September 15th.

Civil Engineering (Applied Mechanics Option)

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics	340	2	2	..	..
Surveying	350	2	..	3	..
Surveying Problems	351	..	..	..	..
*Summer School	352	..	..	..	..
Summer Essay	830	..	..	2†	2
General Geology	1142	2	2	..	..
Advanced Calculus	1240	3	3	..	..
Vector Methods and Nomography	1246	1	1	..	..
Differential Equations	1260	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1540	1	1	..	..
Total hours		16	14	8	5

*Counted as part of Third year curriculum, but taken in four weeks following the close of the Second year. Students entering from other universities do part of this work in a special summer school before entering Third year (see page 1447).

†During the first few weeks the laboratory work is replaced by field excursions.

Civil Engineering (Applied Mechanics Option)

FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
*Thermodynamics	268	2	2	..	..
Elements of Structural Design	360	..	2	..	2
*Foundations	362	1	1	..	3
Hydraulics	364	2	..	3	.
Mechanics	370	2	..	..	.
Strength of Materials	373	2	2	..	
†Dynamics and Vibrations	381	1	2	..	
†Fluid Mechanics	383	1	2	..	
Mechanical Engineering	566	2	2	..	
Mechanical Engineering Laboratory	569	..	..	3	3
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Theory of Functions	1264	1	1	1	1
Engineering Reports	1560	1	1	..	..
Engineering Practice I	1561	..	2	..	..
Total hours		13 or 14	13 or 14	9	9 or 12

*Alternates. Course 362 is prerequisite to (extra) Course 382, Fifth year.

†Given to combined Fourth and Fifth years in alternate years. Course 383 will be given in 1958-59.

Civil Engineering (Applied Mechanics Option)

FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Advanced Structural Design	380A	2	2	6	3
*Dynamics and Vibrations	381	1	2	..	..
†Foundations and Reinforced Concrete (extra)	382	..	2	..	3
*Fluid Mechanics	383	1	2	..	..
Hydraulic Machines	386	..	2	..	..
Strength of Materials	389	1	2	3	..
Theory of Structures	392	1	2	3	6
Elements of Electrical Engineering	470	2	2	..	..
Electrical Engineering Laboratory	472	..	..	3	3
Summer Essay	850	..	..	..	..
Engineering Practice II	1580	2	..	..	..
Engineering Law	1581	2	..	..	..
Total hours		11	12 or 14	15	12 or 15

*Given to combined Fourth and Fifth years in alternate years. Course 383 will be given in 1958-59.

†Foundations 362, Fourth year, is prerequisite.

IV. ELECTRICAL ENGINEERING

The first three years of the Electrical Engineering Course provide the student with a broad training in the fundamentals that are common to all branches of engineering. In the Fourth year there is a marked increase in the engineering content, with special emphasis on Electrical Engineering. The training is still broad however, and approximately half the time is devoted to non-electrical subjects.

The final year is devoted almost entirely to electrical studies in the two main fields of Power Engineering and Communication Engineering.

Courses in the power engineering field cover the generation, transmission, and distribution of electric power; direct and alternating current phenomena; electrical machinery; electric lighting; electrical measurement; and industrial electronics.

Courses in communication engineering cover the theory and applications of electron tubes, transmission theory, radio engineering, radio design and applied acoustics. These are supplemented by laboratory work in audio- and radio-frequency measurements, and by the testing of communication apparatus.

When a student enters the Fifth year he chooses between the Power Option and the Communications Option. Nine subjects of the Fifth year are common to both options.

FIRST AND SECOND YEARS

As in other Engineering courses (see pages 1421 and 1422).

Electrical Engineering

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics	340	2	2	..	..
Surveying	350	2	..	..	..
Surveying Problems	351	..	..	3	..
*Summer School	352	..	..	..	..
Electrical Engineering	440	..	2	..	3
Mechanics of Machines	542	..	1	..	3
Summer Essay	830	..	..	..	..
General Geology	1142	2	2	2†	2
Calculus	1242	2	2	..	..
Differential Equations	1260	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1540	1	1	..	..
Total hours		14	15	8	11

*Counted as part of Third year curriculum, but taken in four weeks following close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1447).

†During the first few weeks the laboratory work is replaced by field excursions.

Electrical Engineering

FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
Electrical Engineering	460	4	3	..	..
Electrical Engineering Laboratory	462	..	..	12	9
Electron Tubes and Circuits	466	2	2	..	3
Machine Design	577	..	3	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Summer Essay	840	..	..	..	..
Engineering Practice I	1561	..	2	..	..
Total hours		12	14	15	18

Electrical Engineering

FIFTH YEAR (Power Option)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Hydraulics	364	2	..	3	..
Communication Engineering (Wire)	480	2	..	..	..
Industrial Electrical Engineering	481	2	..	..	..
Electrical Design	482	1	1	3	3
Electrical Engineering	484	4	4	..	..
Electrical Engineering Laboratory	486	..	..	9	12
Electrical Measurements and Laboratory	489	2	..	3	..
Industrial Electronics	491	..	2	..	..
Power Control and Protection	492	..	3	..	..
Summer Essay	850	..	..	..	..
Engineering Practice II	1580	2	..	..	..
Engineering Law	1581	2	..	..	..
One of the following:					
Hydraulic Machines	386	..	2	..	..
Radio Frequency Transmission Lines	496	..	2	..	..
Principles of Atomic Structure	1394	..	2	..	..
Total hours		17	16	18	15

Electrical Engineering

FIFTH YEAR (Communication Option)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Communication Engineering (Wire)	480	2	..	..	..
Industrial Electrical Engineering	481	2	..	..	..
Electrical Design	483	1	..	3	..
Electrical Engineering	484C	4	2	..	..
Electrical Engineering Laboratory	488	..	..	6	6
Electrical Measurements and Laboratory	489	2	..	..	3
Industrial Electronics	491	..	2	..	..
Radio Design	493	1	..	3	..
Radio Engineering	494	2	2	..	..
Radio Engineering Laboratory	495	..	..	6	6
Radio-frequency Transmission Lines	496	..	2	..	..
Applied Acoustics	497	..	2	..	..
Summer Essay	850	..	..	..	..
Principles of Atomic Structure	1394	..	2	..	..
Engineering Practice II	1580	2	..	..	..
Engineering Law	1581	2	..	..	..
Total hours		18	12	18	15

V. MECHANICAL ENGINEERING

The branch of engineering designated as Mechanical is of a broad nature covering many engineering fields. It is concerned with the generation and utilization of power, the design, production, and operation of mechanical devices, and the organization and administration of industrial plants.

REGULAR COURSE

The regular course offers a basic general engineering training to serve as a sound structure on which subsequently to specialize in the problems of any particular industry. The laboratory classes and problem periods are designed to integrate with the lecture courses, serving to illustrate the practical application of the basic engineering principles in many different fields.

Arrangements are made for occasional visits to power plants and factories of importance.

FIRST, SECOND, AND THIRD YEARS

As in other Engineering courses (see pages 1421 to 1423), with additional Summer School for students entering Third year (see page 1447), and additional Machine Shop course in Third year.

Mechanical Engineering (Regular Course)
FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
Electrical Engineering	470	2	2	..	..
Electrical Engineering Lab.	472	..	..	3	3
Industrial Engineering I	561	2	..	2	..
Machine Shop II	563	..	..	5	..
Mechanics of Machines	564	2	2	1	1
Mechanical Engineering Laboratory	569	..	..	3	3
Applied Thermodynamics I	571	2	2	1	1
Summer School (Shop)	572	..	..	..	..
Fluid Dynamics I	573	2	..	..	..
Mechanical Design I	575	..	4	..	6
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Differential Equations	1260	2	2	..	..
Engineering Reports	1560	1	1	..	..
Engineering Practice I	1561	..	2	..	..
Total hours		18	17	17	17

Mechanical Engineering (Regular Course)
FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Strength of Materials	391	..	2	..	..
Experimental Mechanical Engineering	581	2	..	6	6
Industrial Engineering II	583	2	2	3	3
Applied Thermodynamics II	593	2	2	3	3
Heat Transfer	594	..	2	..	..
Mechanical Design II	595	2	2	3	3
Fluid Dynamics II	596	2	2	1	1
Dynamics of Machines	597	2	2	1	1
Summer Essay	850	..	..	..	..
Engineering Law	1580	2	..	..	..
Engineering Practice II	1581	2	..	..	..
Total hours		16	14	17	17

MECHANICAL SCIENCES OPTION

The course of study in the Mechanical Sciences option is designed to give much more emphasis on the underlying fundamentals of engineering. A broad mathematical and physical foundation is provided, giving the students a good point of departure for advanced engineering studies in a large number of fields. In the final year, training is given to the student in the application of these fundamentals to engineering problems, by seminar discussions and the preparation of a thesis.

The training is designed for those who wish to prepare themselves for creative engineering and for graduate and research work.

Registration will be restricted to students whose general background, and whose standing in the Second year, particularly in Mathematics, indicate that they can profit by it. A very high pass standing will be required. Students who fail to maintain this in the Third year must revert to the regular Fourth year Mechanical Engineering course. Reversion at the end of the Fourth year involves making up certain work missed. Students intending to register for this option should consult with the Chairman of the Department and obtain his approval prior to September 15th.

Mechanical Engineering (Mechanical Sciences Option)
THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	340	2	2	..	..
Summer School	352	..	..	3	3
Engineering Drawing III	541	..	..	..	..
*Fluid Dynamics I	573	..	..	..	..
Summer Essay	830	..	..	..	..
Advanced Calculus	1240	3	3	..	..
Vector Methods	1246	1	1	..	..
Differential Equations	1260	2	2	..	..
Physics (Electricity and Magnetism)	1340	3	3	..	..
Advanced Heat	1342	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1540	1	1	..	..
Total hours		14	14	6	6

*For students taking this option, Course 573 is a reading course. No lectures will be given.

Note: Students who achieve high standing in this Third year course may, if they wish, enter the Fourth year of Engineering Physics or the Applied Mechanics option of Civil Engineering, provided that they make up work in Electrical Engineering 440, or Surveying 350 and General Geology 1142, respectively.

Mechanical Engineering (Mechanical Sciences Option)

FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
Electrical Laboratory	445	..	..	3	3
Electricity	467	2	2	..	..
Mechanical Engineering Laboratory I	569	..	..	3	3
Theory and Design of Machines 1	579	2	2	3	3
Applied Thermodynamics II	593	2	2	3	3
*Heat Transfer	594	..	..	..	..
Fluid Dynamics II	596	2	2	1	1
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Theory of Functions	1264	1	1	1	1
Engineering Practice I	1561	..	2	..	..
Total hours		14	13	16	17

*For students taking this option, Course 594 is a reading course. No lectures will be given.

Mechanical Engineering (Mechanical Sciences Option)

FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Engineering Analysis	393	2	2	..	..
Experimental Mechanical Engineering	581	2	..	6	6
Theory and Design of Machines II	598	2	..	3	3
Engineering Problems	599	..	..	12	12
Summer Essay	850	..	..	..	..
Mathematical Physics	1290	3	3	..	..
Atomic Structure	1394	..	2	..	..
Total hours		9	7	21	21

VI. METALLURGICAL ENGINEERING

REGULAR COURSE

The course of instruction provides training in the chemical, physical, and engineering subjects that form the basis for metallurgical engineering. In the later years, the various branches of theoretical and practical metallurgy are studied.

The course is designed for students who expect to be engaged in the smelting or refining of metals, the production of iron and steel, the melting and casting of metals and alloys, or in engineering work in which the mechanical properties and heat-treatment of metals and alloys are of fundamental importance.

In the Third year instruction is given in mathematics, mechanics, physics, chemistry, and metallurgical problems.

In the Fourth year instruction is given in economics, chemical thermodynamics, mineralogy, mineral dressing, metallurgy, mechanical engineering, and strength of materials.

In the Fifth year instruction is given in engineering law, economics, metallurgy, hydrometallurgy, metallography, machine design, electrical engineering, metallurgical design, and mineral dressing.

Laboratory accommodation is provided for graduate students who wish to do advanced work in metallurgy for the M.Eng. degree, or M.Sc. degree.

FIRST AND SECOND YEARS

As in other Engineering courses (see pages 1421 and 1422).

Metallurgical Engineering

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics	340	2	2	..	..
*Summer School	352	..	..	..	..
Metallurgical Problems and Laboratory	643	1	1	2	3
Summer Essay	830	..	..	..	..
Systematic Chemistry	940	2	2	..	..
Inorganic Quantitative Analysis	944	1	1	6	6
Organic Chemistry	948	2	2	..	..
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1540	1	1	..	..
Total hours		14	14	11	12

*Taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Fourth or Fifth year (see page 1447).

Metallurgical Engineering

FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Inorganic Chemical Technology	266	2	..	..	..
Strength of Materials	373	2	2	..	3
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Metallurgical Laboratory	662	..	..	3	3
Metallurgical Problems	664	..	..	2	2
Metallurgy of Iron and Steel	666	1	1	..	..
Metallurgical Unit Operations	668	1	1	1	1
Mineral Dressing	768	1	1	3	3
Summer Essay	840	..	..	..	..
Chemical Thermodynamics	964	3	3	..	..
Mineralogy	1161	2	..	3	..
Differential Equations	1260	2	2	..	..
Engineering Practice I	1561	..	2	..	..
Total hours		16	14	15	15

Metallurgical Engineering

FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Electrical Engineering	470	2	2	..	..
Electrical Engineering Laboratory	472	..	..	3	3
Machine Design	577	..	3	..	..
Metallurgical Laboratory	682	..	..	6	3
Hydrometallurgy	683	3	3	1	1
Extractive Metallurgy	684	2	2	2	2
Metallurgical Colloquium	688	..	1	..	..
Metallurgical Design	690	..	..	..	3
Instrumentation and Control	691	..	2	..	3
Physical Metallurgy	694	2	2	1	1
Metallurgical Unit Operations	696	1	1	1	1
Mineral Dressing	797	2	..	3	..
Summer Essay	850	..	..	..	..
Engineering Practice II	1580	2	..	..	..
Engineering Law	1581	2	..	..	..
Total hours		16	16	17	17

METAL SCIENCES OPTION

The courses of study in the metal sciences option offer a more rigorous training in mathematics, electronics and chemistry than is given in the regular metallurgical engineering course. A very thorough training in mathematics is provided permitting more intensive treatment of the technical phases of both chemical and physical metallurgy. Of necessity certain courses must be eliminated but the training will particularly fit students for advanced technical work and for graduate and research work in metallurgy.

Students accepted into this option may revert to the regular course on the completion of the work of the previous year. Students who make only low pass standing will be required to revert.

Registration for this option will be restricted to students whose general background and high academic standing indicate that they can profit by it. Students who wish to register for this option must consult with the Chairman of the Department, and obtain his approval prior to September 15th.

FIRST AND SECOND YEARS

As in other Engineering courses (see pages 1421 and 1422)

Metallurgical Engineering (Metal Sciences option)
THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	340	2	2	..	..
*Summer School	352	..	..	..	..
Metallurgical Problems and Lab.	643	1	1	2	3
Summer Essay	830	..	..	..	..
Systematic Chemistry	940	2	2		
Inorganic Quantitative Analysis	954	1	1	3	3
Advanced Calculus	1240	3	3	..	..
Differential Equations	1260	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1540	1	1	..	..
Total hours		14	14	8	9

*Taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Fourth or Fifth year (see page 1447).

Metallurgical Engineering (Metal Sciences option)
FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
Electrical Engineering Laboratory	465	..	..	3	3
Electron Tubes and Circuits	467	2	2		
Metallurgical Laboratory	662	..	..	..	..
Metallurgical Problems	664	..	..	3	3
Metallurgy of Iron and Steel	666	1	1	2	2
Metallurgical Unit Operations	668	1	1	..	..
Mineral Dressing	768	1	1	1	1
Summer Essay	840	..	..	3	3
Chemical Thermodynamics	964	3	3	..	..
Theory of Functions	1264	1	1	..	..
Engineering Practice I	1561	..	2	1	1
Total hours		13	13	13	16

Metallurgical Engineering (Metal Sciences option)
FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Engineering Analysis	393	2	2	..	..
Machine Design	577	..	3	..	..
Hydrometallurgy	680	3	3	..	..
Extractive Metallurgy	681	2	2	..	..
Metallurgical Laboratory	682	..	..	6	3
Metallurgical Colloquium	688	..	1	..	..
Metallurgical Design	690	..	..	..	3
Instrumentation and Control	691	..	2	..	3
Physical Metallurgy	693	2	2	..	..
Studies in Metallurgical Processes	695	..	..	6	3
Metallurgical Unit Operations	696	1	1	1	1
Summer Essay	850	..	..	..	..
Engineering Law	1580	2	..	..	..
Engineering Practice II	1581	2	..	..	..
Total hours		14	16	13	13

VII. MINING ENGINEERING

The technical requirements of the mining engineer cover the field of basic engineering and geological knowledge. In the junior years of the course, in common with other branches of engineering, emphasis is placed on mathematics, physics, and chemistry. On this background a comprehensive training in engineering and geological principles is superimposed. Thus the course, in addition to preparing students for the varied technical appointments available in the mineral industry, offers a well rounded engineering curriculum.

Timetable permitting, at the discretion of the Chairman of the Department and with the approval of Faculty, some variation of the final year curriculum is permitted in the case of students wishing to emphasize geology, geophysics, mineral dressing, or other specialized branch.

A Field School in mining, mineral dressing, and geology for the Fourth year normally begins after the close of the April examinations. The School visits some important mining districts where there is an opportunity to examine a variety of mining and milling operations. The fee for this school is not included in the regular tuition and is

normally about fifty dollars. The actual amount is established annually when the itinerary and related factors are known, and is payable to the University on or about April 15th immediately preceding the trip.

Facilities are available for graduate students undertaking advanced work in many of the specialized branches of the mineral industry. The Department possesses two Research Fellowships open to graduates of the University who show suitable ability. (*See Scholarship Announcement.*)

Refer to page 1417 for regulations regarding physical examination.

FIRST AND SECOND YEARS

As in other Engineering courses (see pages 1421 and 1422).

Mining Engineering

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics	340	2	2	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Mining	740	1	..	..	..
Summer Essay	830	..	..	..	..
Systematic Inorganic Chemistry	940	2	2	..	..
Inorganic Quantitative Analysis	954	1	1	3	3
General Geology	1142	2	2	2†	2
Mineralogy	1144	2	2	3	3
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1540	1	1	..	..
Total hours		18	15	11	11

*Taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1447).

†During the first few weeks the laboratory work is replaced by field excursions.

Mining Engineering
FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Structural Design	360	..	2	..	2
Hydraulics	364	2	..	3	..
Strength of Materials	373	2	2	..	3
(1)Summer School (Survey)	377	..	..	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Physical Metallurgy	670	1	..	2	..
Mine Mapping	760	..	..	..	3
Mine Surveying	761	2	..	..	..
Mining Engineering I	762	2	2	..	..
(2)Summer School (Fire Assaying)	766	..	..	..	..
Mineral Dressing	768	1	1	3	3
Ore Analysis	770	..	..	3	3
Summer Essay	840	..	..	..	..
Petrology	1164	2	..	3	..
(3)Summer School (Field Geology)	1165	..	..	..	..
Structural Geology	1166	..	2	..	3
Engineering Practice I	1561	..	2	..	..
Total hours		14	13	17	20

(1)Taken in two weeks following the Third year session.
(2)Taken in two weeks following the Fourth year session.
(3)Taken in two weeks following two weeks of survey Summer School 377.

Mining Engineering
FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Electrical Engineering	470	2	2	..	..
Electrical Engineering Laboratory	472	..	..	3	3
General Metallurgy	686	2	2	..	..
Mine Design	782	2	1	4	5
Mine Finance and Cost Control	784	..	2	..	..
Mining Colloquium	786	..	1	..	..
Mining Engineering II	788	2	3	..	..
Mining Engineering Problems	790	..	..	2	2
(1)Summer School (Field Trips)	794	..	..	..	..
Mineral Dressing	797	2	..	3	..
Mineral Dressing	798	..	1	..	3
Summer Essay	850	..	..	..	..
Geology of North America	1180	2	2	..	..
Ore Deposits	1182	2	2	2	3
Geophysics	1360	2	..	..	..
Engineering Practice II	1580	2	..	..	..
Engineering Law	1581	2	..	..	..
Total hours		20	16	14	16

(1)Normally taken in two to three weeks at the close of the Fourth year, following Summer School 766.

VIII. ENGINEERING PHYSICS

The course leading to the degree of B.Eng. in Engineering Physics is planned for those students who wish to fit themselves for positions in the fields of design, development, and research. The course is arranged for students specializing in Electrical Engineering and Electrical Physics.

Since the opportunities in the fields of design, development, and research are in general limited to those who show a marked aptitude for both technical and theoretical work, registration in Engineering Physics is restricted to those students who have completed Second year Engineering with high second-class standing or better. Moreover, students who do not maintain an average of 65% are not allowed to continue in Engineering Physics. They may, however, transfer to Electrical Engineering at the end of any year if they have obtained a minimum of 50% in all courses of that year.

SECOND YEAR

As in other Engineering courses (see page 1422).

Engineering Physics

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics	340	2	2	..	..
*Summer School	352			..	
Electrical Engineering	440	.	2	..	3
Summer Essay	830	..	..	..	..
Advanced Calculus	1240	3	3	..	..
Vector Methods and Nomography	1246	1	1	..	..
Differential Equations	1260	2	2	..	..
Physics	1340	3	3	.	..
Heat and Thermodynamics	1342	2	2	.	.
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1540	1	1	..	..
Total hours		15	17	3	6

*Counted as part of the Third year curriculum, but taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1447).

Engineering Physics

FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Strength of Materials	373	2	2	..	3
Electrical Engineering	460	4	3	..	..
Electrical Engineering Laboratory	464	..	..	9	6
Electron tubes and Circuits	466	2	2	..	3
Summer Essay	840	..	..	..	..
Theory of Functions	1264	1	1	1	1
Electron Physics	1362	2	..	..	..
Advanced Light	1364	2	1	3	3
Properties of Matter (extra)	1366	..	1	..	..
Statics and Dynamics	1368	3	3	..	..
Engineering Practice I	1561	..	2	..	..
Total hours		16	14 or 15	13	16

Engineering Physics

FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Communication Engineering (Wire)	480	2	..	..	..
Radio Engineering	494	2	2	..	..
Radio Engineering Laboratory	495	..	..	6	6
Summer Essay	850	..	..	..	..
*Fluid Dynamics (extra)	1282	3	..	..	..
*Advanced Dynamics (extra)	1284	..	3	..	..
Atomic Physics	1382	2	2	3	..
Electrical Measurements	1384	1	2	3	3
Electromagnetic Theory	1388	2	1	..	..
Mathematical Physics	1390	3	3	..	..
Radioactivity	1392	..	2	..	3
Total hours		12	12	12	12

*May not be available in 1958-59. No student may take more than one of these extras.

SUMMER SCHOOLS

Undergraduates are required to attend Regular Summer Schools as specified below. The times at which they are held, and the work covered, are set forth in detail under the course numbers referred to.

See note under fees, page 1416.

Except as noted, classes are expected to begin on or about April 25th and close about May 24th.

REGULAR SUMMER SCHOOLS

CURRICULUM	Students Entering					
	Third year		Fourth year		Fifth year, and Sixth year Architecture	
	Course	Page	Course	Page	Course	Page
Architecture	352	1463	..	..	165 166	1453 1454
Chemical Engineering	..	..	..	..	270	1456
Civil Engineering:						
Regular Course	352	1463	377	1465	394	1468
Applied Mechanics option	352	1463	..	..	..	..
Electrical Engineering	352	1463	..	..	..	..
Mechanical Engineering	352	1463	..	..	..	..
Metallurgical Engineering	352	1463	..	..	..	..
Mining Engineering	352	1463	377 1165	1465 1482	766 794	1498 1500
Engineering Physics	352	1463	..	..	..	..

SPECIAL SUMMER SCHOOLS

As it is seldom practicable for students admitted to advanced standing in McGill University from other colleges to attend the May Summer School preceding the work of the year to which they are admitted, the following arrangements have been made for such students, *but it must be understood that they apply only to students who have not previously been in attendance in the Faculty of Engineering.*

(a) Students entering the Third year from other universities, except in Chemical Engineering, are required to attend a Summer School in Surveying which opens on or about September 8th, 1958 preceding the work of the Session. Additional work will be required in the following year to complete the course.

(b) Students entering the Fourth year in the course in Civil or Mining Engineering are required to attend a Summer School in Surveying which opens on or about September 8th, 1958.

(c) Students entering the Fifth year in Civil Engineering are required to attend a Summer School in Surveying which opens on or about September 8th, 1958.

(d) Students entering the Fifth year in Mining Engineering are required to submit evidence that they have had at least six months' practical experience in Mining Work.

(e) Students entering Fifth year Architecture are required to attend Sketching School 165 commencing September 8th, 1958.

EMPLOYMENT AND SUMMER ESSAYS

EMPLOYMENT

Students in Engineering are required to submit to the Faculty evidence of having had at least six months of suitable experience in practical engineering work before receiving their degrees (see page 1420). For students in Architecture the requirement is six months of experience appropriate to the profession. Evidence of employment must be submitted on forms obtainable at the Dean's Office, to be signed by the employer. Forms reporting employment for the summer of 1958 must be handed in at the Dean's Office not later than noon on Saturday, October 25th, 1958.

SUMMER ESSAYS

All students in Engineering and Architecture must submit Summer Essays 830, 840 and 850, on entering Third, Fourth, and Fifth years respectively. Students in Architecture must in addition submit Summer Essay 860, on entering Sixth year.

Summer Essays are regarded as an important part of the curriculum and a high standard is exacted. They are judged on their subject matter, on their literary style, and on the evidence they show of thoughtful observation and preparation.

Summer Essays are normally written on a topic drawn from the experience of the student during his summer work. Students should take advantage of every opportunity during their summer engagements to gather material for their essays. If a student's summer experience does not provide a reasonable topic for an essay, students in Engineering may write on a suitable topic connected with engineering, scientific, or industrial work, subject to the regulation in the following paragraph. Similarly, students in Architecture may write on an appropriate architectural topic, subject to the same regulation, if a satisfactory essay cannot be based on their employment experience.

No essay compiled entirely from matter already published will be accepted from any student unless ACCOMPANIED by a letter of approval from the Chairman of his Department, or, in the case of essay 830, written in the summer following Second year, from the Chairman of the Department naturally concerned with the topic upon which the student proposes to write. Such approval is not usually given unless the proposed essay will serve a really useful purpose by bringing together important information otherwise difficult of access.

Data from books and from other sources, may, however, be used or even quoted verbatim in reasonable quantity, provided acknowledgement is made and direct quotations are indicated. Thanks for assistance, advice, drawings, photographs, and the like received by the writer from others should also be given under "Acknowledgements".

Essays should be from 2,000 to 5,000 words in length. The student is therefore strongly advised to select a topic which can be treated with reasonable completeness within these limits.

Unless absolutely essential, it is not desirable to accompany essays with samples and specimens. Careful writing and adequate illustration will usually make these unnecessary.

Essays must be TYPEWRITTEN on one side only of 8½ x 11-inch white paper of good quality and bound in the standard cover.

The schedule by which essays are ranked is as follows:

A—Physical Presentation

Title, name, course, and year on cover; table of contents or index; list of illustrations, drawings, maps, etc.; suitability of illustrations, etc.; neatness—15 to 25 marks.

B—Content

Suitability; originality; evidence of accurate observation; authority and accuracy—30 to 40 marks.

C—Organization

Acknowledgements; headings and sub-headings; tables; references; bibliography—15 marks.

D—Composition

Grammar; spelling; phraseology; style and interest; clarity and lucidity —30 marks.

After ranking, essays, except those to be considered for prizes or those which must be rewritten, are returned to the writers. Essays considered for prizes, but not awarded any, are also returned, but at a later date. Prize-winning essays become the property of the Engineering Undergraduates' Society and are filed for permanent reference in the Engineering Library. Any student who does not wish to surrender his essay should, therefore, indicate by letter ATTACHED THERETO that it is not to be considered for a prize.

Students are encouraged to submit their essays to the Engineering Institute of Canada, to the Canadian Institute of Mining and Metallurgy, to the Institute of Radio Engineers, or to the Society of Chemical Industry in competition for prizes offered by these institutes. A student wishing to enter one of these competitions should so indicate by letter ATTACHED TO his essay.

Summer essays, unless submitted by mail, must be handed in before the close of Registration (4:00 p.m.) on Registration Day, Monday, September 22nd, 1958, to the staff member or other officer by whom the student is registered. Essays may be submitted by mail to the Dean's Office, Engineering Building. They must be received before 1 p.m. on Saturday, September 20th, 1958.

Students who do not submit or hand in summer essays before these stated times will be regarded as having failed the essay for their year. They must then submit an essay with a request that it be accepted as a supplemental, enclosing a $10.00 supplemental fee.

Descriptions of Courses

SCHOOL OF ARCHITECTURE

The School of Architecture is under the administrative jurisdiction of the Faculty of Engineering.

Director and Professor	JOHN BLAND
Associate Professors	PETER COLLINS HAROLD SPENCE-SALES
Assistant Professors	RAY T. AFFLECK WATSON BALHARRIE JOHN SCHREIBER GORDON WEBBER STUART A. WILSON
Sessional Lecturers	GUY DESBARATS W. AUSTIN JOHNSON ORSON WHEELER

Advisory Committee (*see page 1406*)

SECOND YEAR

115. ARCHITECTURAL DRAWING AND ELEMENTS OF DESIGN. (a) Descriptive geometry; orthographic projection; simple pictorial representation; perspective by various methods; shades and shadows; interpenetrations; developments; lettering. (b) Basic visual elements, line, form, colour,

texture. Practical experiments in water colour, tempera, dyes, and inks. 1 lecture and 6 hours problems per week, session.

Professors Webber and Schreiber

116. HISTORY OF CLASSIC, BYZANTINE AND MEDIAEVAL ARCHITECTURE. A survey of the development of architectural manners in Europe.

2 lectures per week, session. *Professor Collins and Mr. Wheeler*

117. ARCHITECTURAL REPORTS. Students are required to prepare a series of papers during the session on specific aspects of the history of architecture. These may be based upon references in literature or other available library records, or they may be studies of actual buildings. Related to Course 116.

Professor Collins

THIRD YEAR

130. ARCHITECTURAL REPORT. Related to Course 134. Continuation of Course 117.

Professor Collins

131. BUILDING CONSTRUCTION. Simple architectural form is studied in terms of human purpose, and building materials and techniques. A number of small architectural and construction problems are given to intensify the student's grasp of spatial relationship and constructive sense. An intensive study of a small project is carried out. The design is evolved from the basic conditions of a given problem. Presentation drawings are made and then a set of working drawings is prepared. These are done in order to unfold gradually wood and masonry construction techniques. A small scale model showing all structural members of the building frame is constructed by each student. Studies in line and colour are made of all projects. Practical experiments in construction are carried on in the Laboratories of the Montreal Building Trades Apprenticeship Centre under supervision of McGill Staff. 1 lecture and 9 hours problems per week, first term; 1 lecture and 12 hours problems per week, second term.

Professor Wilson and Mr. Desbarats

Textbooks: Frame Construction Details (Nat. Lumber Mfg. Ass'n); Gay and Parker, Materials and Methods of Building Construction (Wiley); Graf, Data Sheets (Reinhold); Ramsey and Sleeper, Architectural Graphic Standards (Wiley).

132. ELEMENTS OF DESIGN. Applications of colour and texture experiments to renderings of planes in space. Designing and producing three dimensional tactile structures and the applications of visual aids in the presentation of architectural projects.
3 hours per week, session. *Professor Webber*

133. FREEHAND DRAWING AND MODELLING. Drawing, painting, modelling, and experiments in the forms and techniques of historic manners. Related to Course 135. Classes held in the Montreal Museum of Fine Arts.
3 hours per week, session. *Staff, Montreal Museum of Fine Arts*

134. HISTORY OF 16TH, 17TH AND 18TH CENTURY ARCHITECTURE. A survey of important buildings in Italy, France and England. Related to Course 130.
2 lectures per week, session. *Professor Collins and Mr. Wheeler*

830. SUMMER ESSAY. (See pages 1448-50)

FOURTH YEAR

145. CIVIC DESIGN. The elements of form in buildings; buildings and their surroundings; design in the urban setting.
1 lecture per week, session. *Professor Spence-Sales*

146. ARCHITECTURAL REPORT. Related to Course 151. Continuation of Course 130, but the chosen subject should be related as far as possible to present-day problems. *Professor Collins*

147. BUILDING CONSTRUCTION. Various structural systems and their architectural significance; construction and finish of walls, floors, ceilings, and roofs; provision for mechanical services; by-law requirements. In continuation of Course 131, students carry out a number of full scale mock-ups of parts of their design projects, thus familiarising themselves with architectural detail and workmanship. In the studio, detailed working drawings of one of the projects are prepared. Related to course 148.
2 lectures per week, session; 8 hours problems per week, first term.
Professor Balharrie and Mr. Desbarats

Textbooks: Huntingdon, Building Construction (Wiley); National Building Code (Queen's Printer).

148. DESIGN, CLASS A. Design and planning aspects of buildings of timber, load bearing masonry and simple frame. Students are given 4 to 5 specific problems during the session, covering buildings of domestic, recreational, commercial or civic character. Each problem is discussed in general terms of functional requirements and visual expression with reference to siting, structure and the use of materials. Research is carried out into similar types of buildings existing in Canada and elsewhere and preliminary studies are presented for criticism and comment. After this, a set of final presentation drawings is prepared including perspectives and design details to a large scale. 5 to 6 one-day problems of architectural or purely decorative character are introduced during the session

to develop the imagination and the ability to produce quick, effective presentation drawings.

15 hours per week, first term; 9 hours per week, second term.

Professor Schreiber

150. FREEHAND DRAWING AND MODELLING. Drawing, painting and modelling with practical experiments in design form. Continuation of Course 133. Classes held in the Montreal Museum of Fine Arts.

3 hours per week, session. *Staff, Montreal Museum of Fine Arts*

151. HISTORY OF MODERN ARCHITECTURE. The architectural consequences of the Industrial Revolution: development of new materials and techniques of construction, of new social requirements in a changed environment; the psychology of stylistic revivalism; the divorce between architecture and engineering; the changing role of the architect, etc. Despite the recent birth of a new style, the student is encouraged to regard the dynamic interaction of social and technological forces as a continuing process in which he himself is involved and towards which he should adopt a positive viewpoint.

2 lectures per week, session. *Professor Collins*

162. DESIGN WORKSHOP. Study of light in relationship to architecture; model-making for light experiments; photographic recordings; photograms. Design of structures to illustrate objects in spatial relationship; solid, linear, and transparent objects.

3 hours per week, session. *Professor Webber*

840. SUMMER ESSAY. (See pages 1448-50.)

FIFTH YEAR

152. SOCIAL OBSERVATION FOR ARCHITECTS. Architecture in cultural perspective; community planning and culture change. Ethnic groups in the urban community. Characteristic patterns of race relationships, and the requirements of such groups for housing. Slum organization; personality types and characteristic social organization in designated segments of the community. The general patterns of the urban community; processes of growth and change. The role of interest groups, pressure groups and communication in the development of the urban community. Architecture and the organization of work; types of job openings for architects. Types of careers and stages of careers among architects.

1 hour conference per week, session. *Mrs. Carisse*

160. ARCHITECTURAL REPORT. Related to Course 163. Continuation of Course 146. *Professor Bland*

161. DESIGN, CLASS B. Continuation of course 148. Problems are of more complex nature structurally and from the planning point of view. One problem is carried through to working drawings and more detailed consideration of structure.

1 lecture and 15 hours problems per week, session. *Professor Affleck*

163. HISTORY OF ARCHITECTURE IN CANADA. French, British and American influences in the Maritime Provinces, Quebec and Ontario. Course is related to Course 160.

2 lectures per week, session. *Professor Bland*

164. PLANNING. Elements of town planning; surveys of selected districts of Montreal. The course consists of environmental studies directed at a wider understanding of architectural and civic design.

2 lectures per week, session. *Professor Spence-Sales*

165.
166. } SKETCHING SCHOOL. Students are required to attend two sketching schools during their course. The school is usually conducted out of town so that students are given the opportunity of examining and making graphic records of an unfamiliar district. About 10 days; opening date for 1958-59, Monday, September 8th, 1958.

Professors Webber and Wilson

178. DESIGN WORKSHOP. Special experiments in which the individual student presents a subject as a model, such as a theatre stage, a small house, furniture, a mural, a pamphlet, etc.

3 hours per week, first term. *Professor Webber*

850. SUMMER ESSAY. (See pages 1448-50.)

SIXTH YEAR

175. ARCHITECTURAL REPORT. Related to Course 179. Continuation of Course 160. *Professor Bland*

176. DESIGN, CLASS C. Complex buildings or groups of buildings usually including a housing problem and a commercial or a public building. Diploma design for graduation is done in the second term. The subject is selected by the student, but must be presented for approval before January 3rd each year; presentation must be in the form of a written report and preliminary plans.

24 hours problems per week, session.

Professors Bland, Collins and visitors

179. HISTORY OF MONUMENTAL BUILDINGS. Points of view concerning significant buildings in the 19th and 20th centuries. A basis for contemporary criticism. Related to Course 160.

2 lectures per week, session. *Professor Bland*

180. PROFESSIONAL PRACTICE. Essential characteristics and more important phases of the architect's work; relationship to the owner; responsibility; business conduct; fees; supervision; arbitration; issuing of certificates; competitions; standard forms of contracts; payment; liens; servitudes; public health; building regulations.

1 lecture per week, session. *Mr. W. A. Johnson*

181. SPECIFICATIONS. Principles of writing architectural specifications; discussion of actual specifications; essays on common building materials; practice in specifying for common trades.

1 lecture per week, session. *Professor Balharrie*

Textbooks: Sleeper, Architectural Specifications (Wiley); National Building Code (Queen's Printer); N.H.A. Specifications.

860. SUMMER ESSAY. (See pages 1448-50).

DEPARTMENT OF CHEMICAL ENGINEERING

Professor J. B. PHILLIPS, *Chairman*
Associate Professor
Assistant Professor KENNETH H. CRAM
Demonstrators
Special Lecturer WILLIAM GAUVIN

THIRD YEAR

240. CHEMICAL ENGINEERING PROBLEMS. Applications of physical and chemical principles to some fundamental problems in Chemical Engineering.

1 lecture and 2 hours problems per week, session *Professor Phillips*

830. SUMMER ESSAY. (See pages 1448-50.)

FOURTH YEAR

260. CHEMICAL TECHNOLOGY. Technology of chemical industries: acids; alkalis; gases; organic synthesis and pressure processes; petroleum products; wood pulp and synthetic fibres; materials of construction; flow-sheets; economic principles.

2 lectures per week, session. *Professor Phillips*

Reference book: Shreve, Chemical Process Industries (McGraw-Hill).

264. ELEMENTARY CHEMICAL ENGINEERING. Stoichiometry, with applications in combustion and some manufacturing processes; thermodynamic properties of systems; physical chemistry of solutions; introduction to fluid flow and to heat transfer by conduction.
2 lectures per week, session. *Professor Cram*

Textbook: Arnold, Chemical Engineering Stoichiometry (The Author).

266. INORGANIC CHEMICAL TECHNOLOGY. First term of Course 260.
2 lectures per week, first term. *Professor Phillips*

268. THERMODYNAMICS. The first law, including enthalpy balances, heats of reaction, flow processes; the second law; thermodynamic cycles and charts; elementary chemical reaction equilibria.
2 lectures per week, session. *Professor Cram*

Textbook: Weber, Thermodynamics for Chemical Engineers (Wiley).

270. SUMMER SCHOOL. Lectures and laboratory work in flow of fluids, filtration, unit processes; technical analysis; shop practice. Experimental illustration of thermodynamical principles; report writing.

840 SUMMER ESSAY. (See pages 1448-50.)

FIFTH YEAR

280. CHEMICAL ENGINEERING (A). Study of unit operations based on thermodynamics: heat transfer; evaporation; dimensional analysis; nomographic charts; assigned problems.
3 lectures per week, session. *Dr. Gauvin*

Textbook: Walker, Lewis, McAdams and Gilliland, Principles of Chemical Engineering (McGraw-Hill).

282. CHEMICAL ENGINEERING (B). Study of unit operations based on diffusional processes: absorption; extraction; distillation; drying; humidification; assigned problems.
3 lectures per week, session. *Professor Phillips*

Textbook: as for Course 280.

284. CHEMICAL ENGINEERING DESIGN. Methods and calculations in the design of chemical process equipment. Economic balance in processes. Instrumentation.
2 lectures per week, second term. *Professor Phillips*

286. CHEMICAL ENGINEERING LABORATORY. Experiments in the topics discussed in Courses 280 and 282, with reports; supervised problem periods in related work.
3 hours laboratory and 3 hours problems per week, session.
Professor Cram and Demonstrators

288. THERMODYNAMICS. Advanced topics in refrigeration and evaporation; physical equilibria and properties of non-ideal systems. Chemical reaction equilibria, equilibrium conversion, and estimation of equilibrium constants from thermal data.

2 lectures per week, session. *Dr. Gauvin*

Reference book: Dodge, Chemical Engineering Thermodynamics (McGraw-Hill).

850. SUMMER ESSAY. (See pages 1448-50.)

POSTGRADUATE COURSES

Graduates in Chemical Engineering may proceed, if their work has been of sufficiently high standard, to the Master's degree in Chemistry or in Chemical Engineering. See Announcement of the Faculty of Graduate Studies and Research.

DEPARTMENT OF CHEMISTRY

Professors	CARL A. WINKLER, *Chairman*
	C. B. PURVES
Associate Professors	R. K. HOLCOMB
	J. H. MENNIE
	R. V. V. NICHOLLS
	A. S. ROSS
	H. I. SCHIFF
	A. TAURINS
	L. YAFFE
Assistant Professors	J. T. EDWARD
	M. ONYSZCHUK
	R. F. ROBERTSON
	A. SEHON
Research Associates	D. A. I. GORING
	R. ST. J. MANLEY
	S. G. MASON
	W. A. MUELLER
	A. A. ROBERTSON
	T. TIMELL
Senior Instructor	C. E. DROVER

FIRST YEAR

902 (Arts and Science 11). GENERAL CHEMISTRY. A general survey of Inorganic Chemistry. This includes Atomic and Kinetic-Molecular theory, the theory of Ionization, with elementary examples of ionic equilibrium, rates of chemical reaction, law of mass action, oxidation and reduction,

the electromotive series of the metals, the Periodic Law and the Electronic theory of Valence. The preparation and properties of the more important elements and their compounds in relation to atomic and molecular structures are emphasized.

2 lectures per week. *Professors Winkler, Nicholls, Yaffe, Holcomb, and Onyszchuk*

1 tutorial per week. *Professors Holcomb and Onyszchuk*

Textbook: Graham and Cragg, The Essentials of Chemistry (Clarke-Irwin).

Laboratory: The lectures are supplemented by descriptive and quantitative experiments, including volumetric analysis, illustrative of the important principles and theories.

3 hours per week. *Professors Holcomb and Onyszchuk*

SECOND YEAR

922. PHYSICAL CHEMISTRY (ELEMENTARY). A survey of physico-chemical theory and experimental methods, with problems to illustrate physico-chemical principles and to provide practice in handling experimental data and dimension units.

2 lectures and 1 hour tutorial per week. *Professors Schiff and Sehon*

Textbook: Glasstone, Elements of Physical Chemistry (Van Nostrand).

THIRD YEAR

940 (Arts and Science 21). SYSTEMATIC INORGANIC CHEMISTRY. A systematic, detailed description of the properties of the elements and their compounds based upon the periodic classification of the elements. This includes an introduction to the relation between properties, structure and types of bonding.

2 lectures per week. *Professors Holcomb and Onyszchuk*

Textbook: Partington, Textbook of Inorganic Chemistry (Macmillan).

944 (Arts and Science 23). INORGANIC QUANTITATIVE ANALYSIS (ELEMENTARY). Reactions of electrolytes in solution; ionization constant; solubility product constant; common-ion effect. Theory of gravimetric and volumetric precipitation; theory of indicators and acid-base titrations; oxidation-reduction methods.

Laboratory: Simple gravimetric determinations; typical volumetric procedures including precipitation, neutralization, and oxidation-reduction methods. All samples are solids which must be weighed and brought into solution by the student.

1 lecture and 6 hours laboratory per week. *Professor Mennie*

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

948 (Arts and Science 22). ORGANIC CHEMISTRY (ELEMENTARY).

(a) A survey of the special characteristics of carbon and its compounds, stressing the principal families of compounds and their reactions and dealing mainly with those involving single functional groups.

2 lectures and 1 tutorial per week. *Professors Purves and Nicholls*

Textbook: Hart and Schuetz, A Short Course in Organic Chemistry (Houghton Mifflin).

(b) A commentary on the nomenclature, occurrence, preparation, properties, and uses of the more important classes of carbon compounds, and on the principles of functionality, homology and isomerism. A continuation of course (a) in greater detail, so as to include polyfunctional compounds.

2 lectures and 1 tutorial per week. *Professors Purves and Nicholls*

Textbook: Hart and Schuetz, A Short Course in Organic Chemistry (Houghton Mifflin).

950 (Arts and Science 22 laboratory). ORGANIC CHEMISTRY LABORATORY (ELEMENTARY). Experiments illustrative of Courses 948a and b.

3 hours per week. *Professors Taurins and Edward*

Laboratory Text: Fieser, Experiments in Organic Chemistry, 3rd ed. (Heath and Co.).

954 (Arts and Science 73). INORGANIC QUANTITATIVE ANALYSIS (ELEMENTARY) Reactions of electrolytes in solution; ionization constant; solubility product constant; common-ion effect. Theory of gravimetric and volumetric precipitation; theory of indicators and acid-base titrations; oxidation-reduction methods.

Laboratory: Representative gravimetric and volumetric laboratory procedures.

1 lecture and 3 hours laboratory per week. *Professor Mennie*

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

Course 954 is the same as course 944 except for a reduction in laboratory hours.

FOURTH YEAR

962 (Arts and Science 32). ORGANIC CHEMISTRY (ADVANCED). A course in descriptive organic chemistry at an advanced level. It develops and extends the material presented in Courses 948a and b. Special consideration is given to the following topics: polyfunctional compounds, aromatic substances, heterocyclic compounds, terpenes, carbohydrates, fats and peptides.

2 lectures per week. *Professor Nicholls*

Textbook: Wertheim, Textbook of Organic Chemistry, 3rd ed. (McGraw-Hill).

Laboratory: (Arts and Science 32L).

6 hours per week. *Professor Nicholls*

Textbook: Cheronis, Semi-micro and Macro Organic Chemistry (Crowell).

964 (Arts and Science 35). CHEMICAL THERMODYNAMICS AND ELECTROCHEMISTRY. First and second laws, entropy, free energy, activity and fugacity in ideal and real solutions. Solutions of strong electrolytes. Electrode potentials, electrochemical cells, electrolytic conduction and electrolysis, specific and equivalent conduction, mobility and transport numbers, overvoltage and polarization.

3 lectures per week. *Professor Robertson*

Textbooks: Koltz, Chemical Thermodynamics (Prentice Hall); Lewis and Randall, Thermodynamics (McGraw-Hill); Glasstone, Introduction to Electrochemistry (Van Nostrand); MacInnes, The Principles of Electrochemistry (Reinhold).

966 (Arts and Science 40). CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS. Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical, and mechanical properties; experimental methods for controlling and determining the structures of polymers; properties of commercially available materials; methods of fabrication.

1 lecture per week *Professor Nicholls*

968 (Arts and Science 34L). PHYSICAL CHEMISTRY LABORATORY (INTERMEDIATE). Simple physico-chemical methods of investigating kinetic and thermo-dynamic properties of gases, liquids and solutions.

3 hours per week *Professor Ross*

Textbook: Daniels, Matthews, Williams, Bender and Alberty, Experimental Physical Chemistry, 5th ed. (McGraw-Hill).

References: Livingston, Physico Chemical Experiments (Macmillan); Palmer, Experimental Physical Chemistry (Cambridge).

FIFTH YEAR

982 (Arts and Science 44). CHEMICAL KINETICS. Rates of homogeneous and heterogeneous reactions; activation energy; theories of reaction mechanisms.

1 lecture per week. *Professor Sehon*

Textbooks: Laidler, Chemical Kinetics (McGraw-Hill); Glasstone, Text-Book of Physical Chemistry (Van Nostrand).

References: Frost and Pearson, Kinetics and Mechanism (Wiley); Hinshelwood, Kinetics of Chemical Change (Oxford); Trotman-Dickenson, Gas Kinetics (Butterworth).

984. PHYSICAL CHEMISTRY LABORATORY (ADVANCED). Physico-chemical measurements related to the requirements of chemical engineering design and practice.

3 hours per week. *Professor Ross*

Textbook: Daniels, Matthews, Williams, Bender and Alberty, Experimental Physical Chemistry, 5th ed. (McGraw-Hill).

References: Weissberger, Techniques of Organic Chemistry: Vol. I, Physical Methods; Vol. IV, Distillation; Vol. VIII, Investigation of Rates and Mechanisms of Reactions (Interscience); Reilley and Rae, Physico Chemical Methods (Van Nostrand).

986 (Arts and Science 46). COLLOID CHEMISTRY. Descriptive thermodynamic and kinetic treatment of the properties of surfaces, sols, emulsions, and gels.

1 lecture per week. *Professor Robertson*

References: Weiser, Colloid Chemistry, 2nd ed. (Wiley); Adam, Physics and Chemistry of Surfaces, 3rd ed. (Clarendon Press); Brunauer, Absorption of Gases and Vapors, Vol. I (Princeton Univ. Press); Alexander and Johnson, Colloid Science (Oxford); Harkins, Physical Chemistry of Surface Films (Reinhold); Jirgensons and Straumanis, Short Textbook of Colloid Chemistry; Gregg, The Surface Chemistry of Solids (Reinhold).

988 (Arts and Science 47). ELECTROCHEMISTRY. Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells; liquid junction potentials; overvoltage and polarization phenomena.

1 lecture per week. *Professor Ross*

Textbook: Glasstone, Introduction to Electrochemistry (Van Nostrand).

Reference: MacInnes, The Principles of Electrochemistry (Reinhold).

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

Professors	CARLETON CRAIG, *Chairman*
	J. L. DE STEIN
Associate Professors	L. J. ARCAND
	G. W. JOLY
	J. O. MCCUTCHEON
	ANDREJS PAKALNINS
	V. W. G. WILSON
Assistant Professors	W. MATHISON
	S. A. NEILSON
	D. A. SELBY
Lecturers	J. ADJELEIAN
	S. I. AHMED
	C. GOLDMAN
	J. R. WATERSTON
	R. YONG
Demonstrators	

320. MECHANICS. Kinematics, dynamics and statics of particles; impulse, impact, and energy methods; friction; analytical and graphical analysis of simple beams and frameworks; graphical statics.

2 lectures and 2 hours problems per week, session. *Professor McCutcheon and Staff*

Textbooks: Higdon and Stiles, Engineering Mechanics (Prentice-Hall); Timoshenko and Young, Engineering Mechanics (McGraw-Hill).

324. SURVEYING. Early practice and origin of instruments; the level—types and limitations; optics; direct and indirect levelling exercises; the compass and its uses; the transit—the vernier, horizontal and vertical angles, types of traverses, stadia; the chain and tape—uses and limitations; units of measurements; latitudes and departures; areas; simple circular curves.

2 lectures per week, second term. *Professor Arcand and Staff*

Textbooks: Breed, Surveying (Wiley); Kissam, Surveying (McGraw-Hill; Davis and Foote, Surveying (McGraw-Hill); Parker and McGuire, Simplified Site Engineering for Architects and Builders (Wiley).

THIRD YEAR

342. MATERIALS OF ENGINEERING. An account of the sources, winning, general properties, trade practices and economics of both non-metallic and metallic materials and their products used in engineering construction

and in the manufacturing industries, with emphasis on those not discussed in more detail in subsequent courses.

1 lecture per week, session. *Professor Pakalnins*

Textbook: University notes.

340. MECHANICS. Kinematics, dynamics and statics of systems of particles, and of rigid bodies; variable rectilinear and curvilinear motion; simple harmonic motion, translation and rotation of rigid bodies; internal forces, energy methods, impact, gyroscopes.

2 lectures per week, session.

Professors Craig, Neilson, McCutcheon, and Mr. Waterston

Textbooks: Higdon and Stiles, Engineering Mechanics (Prentice-Hall); Timoshenko and Young, Engineering Mechanics (McGraw-Hill).

350. SURVEYING. Adjustments of level and of transit; theory and use of the polar planimeter; latitudes and departures; areas; plotting co-ordinates; partition of land; missing sides; stadia surveying; cross-sections, grids, and slope stakes; circular curves; vertical curves; the spiral; chaining errors and corrections.

2 lectures per week, first term. *Professor Arcand and Staff*

Textbooks: Breed, Surveying (Wiley); Davis and Foote, Surveying McGraw-Hill).

351. SURVEYING PROBLEMS. Earthwork calculations using polar planimeter; problems in surveying.

3 hours per week, first term. *Professor Arcand and Staff*

Textbook: Sloane and Montz, Elements of Topographic Drawing (McGraw-Hill).

352. SUMMER SCHOOL. Training in use of hand level; surveyor's compass; level and transit. Pacing and chaining of polygons; topographic details by offsets and by stadia; profiles; circular curves; calculations of areas; plotting of grid and topographic maps.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

830. SUMMER ESSAY (see pages 1448-50).

FOURTH YEAR

360. ELEMENTS OF STRUCTURAL DESIGN. Beams; plate girders; columns; roof trusses; riveted and welded connections; working drawings; estimating quantities and costs.

2 lectures and 2 hours problems per week, second term.

Professors Joly and McCutcheon

Textbooks: Williams and Harris, Structural Design in Metals (Ronald); Steel Construction (A.I.S.C.); Standard Specifications for Steel Structures for Buildings (C.S.A.).

362. FOUNDATIONS AND MASONRY. Design of concrete mixtures, sub-surface exploration methods, lateral earth pressure theories, lateral pressures on earth structures, stability of slopes, bearing capacity of soils, design of footings, piles and pile driving, coffer dams and caissons.

1 lecture per week, session; 3 hour problems per week, second term. *Professor de Stein*

Textbook: Capper and Cassie, Mechanics of Engineering Soils (McGraw-Hill).

Reference Books: Tschebotarioff, Soil Mechanics, Foundations, and Earth Structures (McGraw-Hill); Terzaghi, Theoretical Soil Mechanics (Wiley); Taylor, Fundamentals of Soil Mechanics (Wiley).

364. HYDRAULICS AND LABORATORY. Properties of fluids; hydrostatics; measurement of flow with orifices, weirs and Venturi meters; Bernoulli's theorem; laminar and turbulent flow; flow in pipes and open channels; divided flow.

2 lectures per week, first term. *Professor Wilson*

3 hours laboratory per week, first term. *Professor Wilson and Staff*

Textbook: Daugherty and Ingersoll, Fluid Mcehcnics, 5th ed. (McGraw-Hill).

368. MAP PROJECTIONS. Graphical determination of spherical triangles; spherical projections; construction of maps.

1 lecture and 2 hours problems per week, first term. *Professor Arcand*

370. MECHANICS. Translation and rotation of solids, including problems of rolling on plane surfaces; compound pendulums; reciprocating machinery with analysis of internal stresses; angular momentum and impact; introduction to the gyroscope with problems and examples of application.

2 lectures per week, first term. *Professors Craig, Joly, and McCutcheon*

Textbooks: Higdon and Stiles, Engineering Mechanics (Prentice-Hall); Timoshenko and Young, Engineering Mechanics (McGraw-Hill).

371. RAILWAY AND HIGHWAY ENGINEERING. (a) Surveys; grades; curvature; earthwork; track; mechanical operation; economics of location and operation; location project and estimate. (b) In addition, highway economics; elementary soil mechanics; paving materials and construction; lighting; incidental structures; safety.

2 lectures and 6 hours problems and laboratory, first term; 1 lecture and 3 hours problems, second term. *Professor Pakalnins*

Textbooks: Allen, Railway Curves and Earthwork (McGraw-Hill); Williams, Design of Railway Location (Wiley); Tratman, Railway Track and Trackwork (McGraw-Hill); Bruce, Highway Design and Construction (Int. Textbook Co.); Tschebotarioff, Soil Mechanics, Foundations, and Earth Structures (McGraw-Hill); University notes.

373. STRENGTH OF MATERIALS. Stress, strain, resilience, and elastic properties of materials; bending moment and shear diagrams; simple, fixed, and continuous beams; reinforced concrete beams; torsion and bending in shafts and springs; columns; bending combined with direct stress; elementary consideration of compound stresses; distribution of shear.

2 lectures per week, session. *Professor de Stein and Staff*

3 hours laboratory per week, second term. *Professor Wilson and Staff*

Reference books: Morley, Strength of Materials (Longmans Green); Timoshenko-MacCullough, Elements of Strength of Materials (Van Nostrand); Warnock, Strength of Materials (Pitman); Muhlenbruch, Experimental Mechanics and Properties of Materials (Van Nostrand).

376. SURVEYING AND ASTRONOMY. Surveying for construction; marine and box sextants; the alidade and its use; barometric and trigonometric levelling; hydrographic surveying; mine surveying; elements of geodetic surveying; historical and practical astronomy; solution of the ZPS triangle for azimuth, latitude, longitude, and time.

2 lectures per week, session. *Professor Arcand*

Textbooks: Davis and Foote, Surveying (McGraw-Hill); Hosmer and Robbins, Practical Astronomy (Wiley); Rayner, Advanced Surveying (Van Nostrand); Kissam, Surveying for Civil Engineers (McGraw-Hill).

377. SUMMER SCHOOL. Preliminary railway or highway survey with transit, profile, and topography parties; plane table, hand level, and stadia; spiral curves; cross-sections; simple triangulation networks; reciprocal levelling; soundings; current-meter surveys; introduction to mine surveying; small geological survey with Brunton compass and chain; astronomical observations.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

840. SUMMER ESSAY (see pages 1448-50).

FIFTH YEAR

380. ADVANCED STRUCTURAL DESIGN. Selection and design of members; riveted and welded connections; timber details and design; loading for bridge

and building design; building frames; bridge design; economic factors in design.

2 lectures and 6 hours problems per week, session. *Professor de Stein*

Textbooks: Sutherland and Bowman, Structural Design (Wiley); Williams and Harris, Structural Design in Metals (Ronald).

380A. ADVANCED STRUCTURAL DESIGN. Similar to Course 380, but 3 hours problems in second term only. *Professor de Stein*

381. DYNAMICS AND VIBRATION. Rotating axes; Lagrange equations; kinematics of vibration; complex representation; damping; resonance; coupled systems.

(*Given in 1959-60 and alternate years.*)

1 lecture per week, first term; 2 lectures per week, second term. *Professor Craig*

Reference books: Den Hartog, Mechanical Vibrations (McGraw-Hill); Timoshenko, Vibration Problems in Engineering (Van Nostrand); Von Karman and Biot, Mathematical Methods in Engineering (McGraw-Hill).

One of courses 381 and 383 is given each year to both Fourth and Fifth year students in the applied mechanics option. The courses are given from the engineering point of view, with special attention to methods of approximation.

382. FOUNDATIONS AND REINFORCED CONCRETE. A continuation of Courses 362 and 390.

2 lectures per week and 3 hours problems per week, second term. *Professors McCutcheon and Selby*

Textbooks: As specified for Courses 362 and 390.

383. FLUID MECHANICS. Dimensional analysis; kinematics of fluid flow; mechanics of resistance; boundary layers; open channel flow; dynamic lift and propulsion.

(*Given in 1958-59 and alternate years.*)

1 lecture per week, first term; 2 lectures per week, second term. *Professor Craig*

Reference books: Rouse, Fluid Mechanics for Hydraulic Engineers (McGraw-Hill); Hunsaker and Rightmire, Engineering Applications of Fluid Mechanics (McGraw-Hill).

384. GEODESY. Adjustment and reduction of observations for horizontal and vertical control systems; figure of the earth; determination of azimuth,

latitude, and longitude; level datum planes; gravimetric surveys; errors of observation; shoran trilateration.

Reference books: Hosmer, Goedesy (Wiley); Sharp, Geodetic Control Surveying (Wiley).

2 lectures per week, second term. *Professor Arcand*

385. GEODETIC LABORATORY. Measurement of magnifying power, of eccentricity of circles, and of small angles with sextant; determination of gravity, of error of run of theodolite microscopes, of constant of steel tapes, and of scale value of level vials; investigation of errors of graduation of steel bars and tapes and of transit circles; testing aneroid barometers.

3 hours per week, second term. *Professor Arcand*

386. HYDRAULIC MACHINES. Hydraulic problems in design and operation of hydro-electric projects; characteristics of impulse, reaction, and propeller turbines; specific speed; unit power; reduction of model tests; flow measurements for tests; centrifugal pumps.

2 lectures per week, second term. *Professor Craig*

Textbooks: Creager and Justin, Hydro-Electric Handbook (Wiley), Hunsaker and Rightmire, Engineering Applications of Fluid Mechanics (McGraw-Hill).

Reference book: Daugherty and Ingersoll, Fluid Mechanics, 5th ed. (McGraw-Hill).

387. MUNICIPAL ENGINEERING. Basic engineering and biological principles of the design and construction of water supply and purification systems, and sewerage and sewage disposal works, with selected problems.

4 lectures per week, and 3 hours problems per week, first term.

Professor Pakalnins

Textbook: Steel, Water Supply and Sewerage (McGraw-Hill).

388. PHOTOGRAMMETRY AND LABORATORY. History and development; definitions, stereoscopy; parallax formulae; topographic mapping; photo interpretation; field control; tilt; radial line plotting; mosaics; oblique photography; mapping instruments.

2 lectures per week, second term; 3 hours laboratory per week, second term.

Textbook: Sharp, Practical Photogrammetry (MacMillan); L. G. Trorey, Handbook of Aerial Mapping and Photogrammetry (Macmillan).

Reference Books: Bagley, Aero Photography and Aero Surveying (McGraw-Hill); Gruber, Photogrammetry (Chapman and Hall); Manual of Photogrammetry (American Society of Photogrammetry).

389. STRENGTH OF MATERIALS. (a) Floors and columns in reinforced concrete; critical study of standard specifications; footings; retaining walls. (b) Bending and deflection of beams loaded and supported in any manner; deflection due to shear; principle of least work applied to beams and to statically indeterminate problems; bending of curved bars and of unsymmetrical sections; elastic strains; relation between elastic constants; thick shells.

1 lecture and 3 hours problems per week, first term; 2 lectures per week, second term. *Professors Craig, de Stein and Joly*

Textbooks: Morley, Strength of Materials (Longmans Green); Seely and Smith, Advanced Mechanics of Materials (Wiley); Sutherland and Reese, Reinforced Concrete Design (Wiley); Large, Basic Reinforced Concrete Design (Ronald); Standard Specifications for Concrete (C.S.A.).

390. STRENGTH OF MATERIALS. Section (a) of Course 389.

391. STRENGTH OF MATERIALS. Section (b) of Course 389.

392. THEORY OF STRUCTURES. Analysis of statically determinate frames under fixed or moving loads; influence lines; distortion of frames; braced arches of two and of three hinges; hingeless arches of reinforced concrete; moment distribution; continuous girders of constant and of variable moment of inertia; rigid frames; frames with redundant members.

1 lecture and 3 hours problems per week, first term; 2 lectures and 6 hours problems per week, second term. *Professor Craig*

Textbooks: Johnson, Bryan and Turneaure, Modern Framed Structures, Parts I and II (Wiley); Shedd and Vawter, Theory of Simple Structures (McGraw-Hill); Sutherland and Bowman, Structural Theory (Wiley).

393. ENGINEERING ANALYSIS. Applications of methods of statistics, operations research, linear programming, etc., to problems in engineering design, control, and systems analysis.

2 hours per week, session. *Professor Craig*

394. SUMMER SCHOOL. Practical engineering astronomy, with emphasis on the determination of latitude and azimuth; geodetic astronomy including Ball's method; precise levelling; precise triangulation, with related problems and base line measurements. Equipment available includes transits, precise and semi-precise levels, optical theodolites of various types, sextants, radio equipment for time signals, Monroe calculators.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

395. URBAN PLANNING. Urban transportation systems and related problems, general principles of planning, design and development of residential subdivisions.

1 lecture per week, session. *Professor Pakalnins*

Textbook: Kostka, Planning Residential Subdivisions (University of Manitoba 1954).

850. SUMMER ESSAY (see pages 1448-50).

SURVEYING SUMMER SCHOOLS

Surveying field work is required of all students entering the Third year, except those taking Chemical Engineering, of students entering the Fourth year in the courses in Civil and in Mining Engineering, and of students entering the Fifth year in Civil Engineering. The work will begin in 1958 on or about April 25th and will continue for four weeks.

Students entering Third and higher years from other universities or from other faculties, who cannot attend the above courses in Field Work must attend Special Summer Schools, details of which are given on page 1447.

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

For particulars of graduate courses offered in Civil Engineering and qualifications for entering the Graduate Faculty, see the Announcement of the Faculty of Graduate Studies and Research.

The Miron Fellowship for postgraduate research in some field of Applied Science related to the concrete industry, and the John Bonsall Porter Scholarship in any field of research, are open to any student admitted for postgraduate work in the Department of Civil Engineering. For further particulars see the University Scholarships Announcement.

*ELECTIVE COURSES IN FIRST YEAR

DEPARTMENT OF BOTANY

1402. THE HIGHER PLANTS AND ANIMALS (Arts and Science, Biology 100). (Full course.) An introductory course in Biology, covering the higher plants and animals. The course is given in two Sections. Section X considers the plants in the first term and the animals in the second term.

*Because of time-table conflicts not all of the courses listed in this section are available to First year students each year. Those available in 1958-59 are listed on page 1422.

Section Y considers the animals in the first term and the plants in the second term.

This course (or its equivalent) is a prerequisite to further courses in Botany.

2 hours lectures and 3 hours laboratory.

Botany: *Professors Roscoe, Wilson, Boll and Maycock*

Zoology: *Professors Berrill and Stanley*

DEPARTMENT OF CLASSICS

GREEK

1420 (Arts and Science 1). **BEGINNERS' GREEK.**

3 hours per week, session. *Professor C. D. Gordon*

Textbook: Greek through Reading, Nairn (Ginn & Co.).

1421 (Arts and Science 2). **INTERMEDIATE GREEK.** Grammar, readings, and lectures on Greek Literature.

3 hours per week, session. *Mr. G. A. R. Vallillee*

Textbooks: Greek through Reading, Nairn (Ginn & Co.); Homer, Selections.

LATIN

1425 (Arts and Science 1). **BEGINNERS' LATIN.**

3 hours per week, session. *Members of the Department*

Textbook: Wilding, Latin Course for Schools, Parts I and II (Faber & Faber).

1426 (Arts and Science 2). **INTERMEDIATE LATIN.**

3 hours per week, session. *Members of the Department*

For those students only who have completed Latin 1.

Textbooks: Wilding, Latin Course for Schools, Parts II and III (Faber & Faber); Roma, ed. Robinson and Hunter (Cambridge Press).

1427 (Arts and Science 100). **LATIN.**

3 hours per week, session. *Members of the Department*

Textbooks: To be announced.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

1430 (Arts and Science 100). ECONOMIC HISTORY. Evolution of economic institutions; the ancient empires; economic and social aspects of the decline and fall of the Roman Empire; mediaeval agrarian economy; fairs, towns, and trading companies; mediaeval money; the voyages of discovery; religion and the rise of capitalism; nationalism and mercantilism; the colonial system; the beginnings of modern banking; the great inventions and the factory system; North American industrial development; trade unions and the co-operative movement; legislative protection of the worker; international finance; rise and fall of the gold standard; evolution of the central banking function; recent economic changes.

3 hours per week, session. *Professor F. C. James*

DEPARTMENT OF GEOGRAPHY

1442 (Arts and Science 121). (1) THE ELEMENTS OF PHYSICAL GEOGRAPHY. Scientific study of man's habitat. The course is divided into two main parts:

A. Lands and seas. Study of landscape evolution under different climates; general characteristics and circulation of ocean waters; distribution of plants and animals.

B. The atmosphere. Measurement of physical properties of atmosphere; weather processes; world climates, principal types, causes, and characteristics; climatic control of human activity.

3 hours per week, session. *Professor N. Drummond*

DEPARTMENT OF GERMAN

1450 (Arts and Science 3). GERMAN LANGUAGE (Beginners' Course).

3 hours per week, session. *Professor Bertha Meyer and Mr. Victor Block*

Textbooks: Curts, Basic German, Revised Edition (Prentice-Hall, 1946); Fiedler and Sandbach, First Science Reader for German Students (Oxford Univ. Press).

1451 (Arts and Science 4). GERMAN SCIENCE READING COURSE (Full course). Half the course will be devoted to teaching the method of translation, the second half to actual translation of texts.

Prerequisite: German 1 or German 3 or Matriculation in German.

2 hours per week, session. *Mr. Victor Block*

Textbook: C. V. Pollard, The Practical Solution to German Translation (University Co-op, Austin, Texas).

DEPARTMENT OF HISTORY

1460 (Arts and Science 1). EUROPEAN CIVILIZATION IN THE MEDIAEVAL AND MODERN PERIODS.

3 hours per week, session. *Professor C. C. Bayley*

FACULTY OF MUSIC

The courses in Music are open to those who have the qualifications for the regular courses of Music given in the Faculty of Music. The first course of Music is for those who have offered Music as a Matriculation subject.

1480 (Arts and Science 1). FIRST COURSE. HARMONY 101.

3 hours per week, session.

An elementary course in written and keyboard harmony comprising a study of the following harmonic materials and techniques:

Triads and dominant seventh chords in all dispositions and inversions; principles of chord progression; part-writing drills; study of the conventional harmonic formulas and cadences; harmonic analysis; harmonization of melody and bass (unfigured) in Bach chorale style using triads, dominant seventh chords and elementary modulations; improvision of short chorale melodies and of short harmonic progressions.

Texts: McHose, Basic Principles of the Techniques of 18th and 19th Century Composition (Chs. 13-31); McHose, Keyboard and Dictation Manual (Chs. 1-9).

Students will also be required to devote three hours weekly to aural training.

DEPARTMENT OF ROMANCE LANGUAGES

NOTE:—For lists of textbooks used in French and Spanish courses refer to the Announcement of the Faculty of Arts and Science.

FRENCH

French only is used in lectures, except during composition periods.

Both oral and written examinations are held on each year's work.

The oral examination counts for 50 per cent of the total mark.

1491 (Arts and Science French 11). (Advanced)

General survey of French civilization and literature of the 18th and 19th centures; French composition. Enrolment in French 1491 is

restricted to students who have achieved first-class standing in French in their School Certificate or High School Leaving examinations, and who pass a test set by the Department at the beginning of the session.

3 hours per week, session. *Professor Hélène Larivière and Staff*

1493 (Arts and Science French 13). General survey of French civilization. Readings, composition and French grammar review.

3 hours per week, session. *Professor T. Romer and Staff*

SPANISH

1495 (Arts and Science Spanish 11).

Grammar; reading and dictation; oral exercises and composition.

3 hours per week, session. *Professor Robina E. Henry and Staff*

DEPARTMENT OF ZOOLOGY

1402 (Arts and Science, Biology 100). THE HIGHER PLANTS AND ANIMALS (Full course). An introductory course in Biology, covering the higher plants and animals. The course is given in two Sections. Section X considers the plants in the first term and the animals in the second term. Section Y considers the animals in the first term and the plants in the second term.

2 hours lectures and 3 hours laboratory per week, both terms.

Botany: *Professors Roscoe, Wilson and Boll*
Zoology: *Professors Berrill and Stanley*

DEPARTMENT OF ELECTRICAL ENGINEERING

Professors	G. L. D'OMBRAIN, *Chairman*
	F. S. HOWES
Professor (Post-retirement)	G. A. WALLACE
Associate Professors	G. W. FARNELL
	T. J. F. PAVLASEK
	W. H. SCHIPPEL
Assistant Professor	T. H. BARTON
Lecturer	R. P. COMSA
Demonstrators	

THIRD YEAR

440. ELECTRICAL ENGINEERING. An introduction to Course 460.

2 lectures and 3 hours problems per week, second term.

Professor d'Ombrain

Textbook: Hugh H. Skilling, Electrical Engineering Circuits (John Wiley).

830. SUMMER ESSAY (see pages 1448-50).

FOURTH YEAR

460. ELECTRICAL ENGINEERING. Direct- and alternating-current flow in circuits, with an introduction to circuit analysis; review of the laws of electromagnetism and of electric and magnetic fields; theory and operating characteristics of direct-current machinery; principles of alternating-current machinery.

4 lectures per week, first term, 3 lectures per week, second term.
Professor Wallace

Textbook: Gray and Wallace, Principles and Practice of Electrical Engineering (McGraw-Hill).

462. ELECTRICAL ENGINEERING LABORATORY. Operating characteristics of direct-current and alternating-current generators and motors and control devices; measurement of voltage, current, power, etc., in both direct- and alternating-current circuits; circuit characteristics.

6 hours laboratory and 6 hours problems per week, first term; 6 hours laboratory and 3 hours problems per week, second term.

464. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 462, but 9 hours per week, first term, and 6 hours per week, second term.

465. ELECTRICAL ENGINEERING LABORATORY. A special laboratory course for students in the Mechanical Sciences option course in the Department of Mechanical Engineering and the Metal Sciences option course in the Department of Metallurgical Engineering. Consists of most of the laboratory of course 466 with selected experiments from course 462.

3 hours per week, session.

466. ELECTRON TUBES AND CIRCUITS. Theory and operating characteristics of high-vacuum and gas-filled tubes; applications to rectifiers, amplifiers, and oscillators; resonance phenomena; introduction to transient response.

2 lectures per week both terms, and 3 hours laboratory per week, second term.
Professor Farnell

467. The lecture portion of course 466.

2 lectures per week, session.

470. ELEMENTS OF ELECTRICAL ENGINEERING. Construction, principles of operation, and characteristic curves of both direct- and alternating-current generators and motors; single-phase, two-phase and three-phase machinery; direct-current and alternating-current transmission and distribution; transformers with star and delta connections; correction of power factor; rectifiers.

2 lectures per week, session. *Professor Barton and Mr. Comsa*

Textbook: Gray and Wallace, Principles and Practice of Electrical Engineering (McGraw-Hill).

472. ELECTRICAL ENGINEERING LABORATORY. Operating characteristics of direct-current and of alternating-current generators and motors; transformers; circuits containing resistance, inductance, and capacitance: series and parallel resonance; power-factor correction.

3 hours per week, session. _____

840. SUMMER ESSAY (see pages 1448-50).

FIFTH YEAR

480. COMMUNICATION ENGINEERING (WIRE). Introduction to contemporary practice in telegraph and telephone communication. Transmission-line equations. Properties of uniform and loaded lines. Systems of carrier telephony. Elements of filter design.

2 lectures per week, first term. _____

481. INDUSTRIAL ELECTRICAL ENGINEERING. Electrical installations for buildings and plant; selection of electric motors and devices; manual and automatic control; standardization and the Canadian Electrical Code; underground cables and conduits.

2 lectures per week, first term. *Professor Schippel*

Reference book: Standard Handbook (McGraw-Hill).

482. ELECTRICAL DESIGN. Principles of design of direct-current generators and motors and of alternating-current generators, motors, and transformers; preparation of practical designs and determination of characteristics.

1 lecture and 3 hours problems per week, session. *Professor Schippel*

Textbook: Gray, Electrical Machine Design (McGraw-Hill).

483. ELECTRICAL DESIGN. Similar to Course 482, but given for students in the communications option.

1 lecture and 3 hours problems per week, first term. *Professor Schippel*

484. ELECTRICAL ENGINEERING. Theory and operating characteristics of alternating-current machinery; theory and operating characteristics of

power transmission lines and systems; method of symmetrical components applied to the determination of unbalanced fault current in power systems

4 lectures per week, session. *Professor Schippel*

Textbook: Christie, Electrical Engineering (McGraw-Hill).

484C. ELECTRICAL ENGINEERING. Similar to course 484 but reduced in the second term to 2 hours per week. *Professor Schippel*

486. ELECTRICAL ENGINEERING LABORATORY AND PROBLEMS. Alternating-current generators; synchronous motors; induction motors; transformers; compensators; frequency and phase changing apparatus; potential regulators, saturable reactors, electronic rectifiers, timers, phototube control, and voltage regulators.

9 hours per week, first term; 12 hours per week, second term, power option.

488. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 486 but 6 hours per week, session, and given for students in the communications option.

489. ELECTRICAL MEASUREMENTS AND LABORATORY. Units; absolute measurement of current and resistance; standard cells; direct-current potentiometers; primary standards of mutual and self inductance; methods of constructing bridges and of obtaining multiples and submultiples of primary standards; alternating-current bridges; shielding; detectors; alternating-current potentiometers; absolute measurement of capacitance; measurement of magnetic flux; instrument transformers; meters; photometry.

2 lectures per week, first term; 3 hours laboratory per week, power option first term, communications option second term.

Professor Wallace and Staff

490. ELECTRICAL SERVICES. Production, measurement, and control of light; design of lighting systems; electrical distribution in residential and commercial buildings; Canadian Electrical Code. Given in alternate years. (*Given 1958-59.*)

2 lectures per week, first term. *Professors Wallace and Schippel*

491. INDUSTRIAL ELECTRONICS. The application of electron tubes to rectification, inversion, timers, relays, stroboscopes, line-voltage and motor-speed control and regulation, resistance welding, induction and electrostatic heating, industrial process control, etc.

2 lectures per week, second term. *Professor d'Ombrain*

Textbook: G. J. Murphy, Basic Automatic Control Theory (Van Nostrand).

492. POWER CONTROL AND PROTECTION. Electrical power generating plant; distribution by radial feeders and networks; street lighting; circuit breaker operation; service continuity and relay protection; miscellaneous applications of electricity.

3 lectures per week, second term. *Professor Schippel*

Reference Book: Electrical Transmission and Distribution Reference Book (Westinghouse).

493. RADIO DESIGN. Design theory and calculations for class B and class C power amplifiers, phasing and matching networks, receiver circuits and simple directional antenna arrays.

1 hour lecture and 3 hours problems per week, first term. *Professor Howes*

494. RADIO ENGINEERING. Radio communication theory and practice; radio-frequency amplifiers; modulation; demodulation; frequency-conversion; antennas; radiation and wave propagation.

2 lectures per week, session. *Professor Howes*

495. RADIO ENGINEERING LABORATORY. Radio-frequency amplifiers; studies of feed-back and cathode-follower amplifiers; adjustment and testing of power oscillators and radio receivers; measurement of modulation and distortion; study of demodulation; radio-frequency lines and filter networks; measurements on Lecher wires; impedance matching; loop and dipole antenna studies; acoustical measurements; theory and use of audio- and radio-frequency bridges and Q meter; micro-wave measurements.

6 hours per week, session. *Professors Howes and Pavlasek*

496. RADIO-FREQUENCY TRANSMISSION LINES AND WAVE GUIDES. The application of transmission-line theory to open-wire and coaxial radio-frequency lines; use of line sections as tuned-circuit elements and as components of matching networks; measurement of complex impedances at ultra-high frequencies; theory and use of transmission-line charts; introduction to electromagnetic theory and properties of wave guides.

2 lectures per week, second term.

497. APPLIED ACOUSTICS. General theory of sound waves; the wave equation; sound in pipes; impedance concept as applied in acoustics; theory and applications of sound filters; horns, exponential and conical; horn-type and cone-type loud speakers; impedance matching and sound distribution in public-address systems; microphones; reciprocity theorem as applied in acoustics; acoustic impedance measurements; reflection, refraction, transmission, and absorption of sound waves; room acoustics.

2 lectures per week, second term. *Professor Howes*

850. SUMMER ESSAY (see pages 1448-50).

POSTGRADUATE COURSES

Graduate courses and research facilities are provided for students working for the degrees of M.Eng. and Ph.D. in Electrical Communication Engineering, and the degree of M.Sc. in Electrical Communications. Details are given in the Calendar of the Faculty of Graduate Studies and Research.

ENGINEERING PRACTICE

Lecturers in Engineering Practice R. G. K. MORRISON
T. SALMAN
R. N. MORRISON

Lecturer in Reports S. A. NEILSON

Lecturer in Engineering Law
HON. MR. JUSTICE G. S. CHALLIES

Lecturer in History of Science G. GAGNON

A series of related courses designed to acquaint the student with the background of his profession, its relation to others, and its place in society, with some consideration of matters not discussed in the professional courses.

THE ENGINEERING LIBRARY

To assist the student in these and in the professional courses, an extensive collection of books, reference material and periodicals is available for his use in the Engineering Library of the Faculty, situated in the Macdonald Engineering Building. The material is of a sufficiently advanced nature to serve for postgraduate research in Engineering.

Lectures are given by the Engineering Librarian to students in the First and Second years on normal library usage. Instruction is also given to Fourth year students by the Assistant University Librarian on the methodology of bibliographic search as related to research in technology.

SECOND YEAR

1520. HISTORY OF SCIENCE. The evolution of the fundamental physical sciences and mathematics, and their applications to engineering, from the beginnings to modern times. *G. Gagnon*

1 lecture per week, first term.

Reference books: Taylor, Science Past and Present (Heinemann); Sedgwick, Tyler and Bigelow, A Short History of Science (Macmillan); Forbes, Man the Maker (Schuman); Bell, Development of Mathematics, (McGraw-Hill).

THIRD YEAR

1540. ENGINEERING REPORTS. Use of English, both oral and written, in engineering practice; mechanics of presentation; graphical representation; reproduction methods; job applications; specifications.

1 lecture per week, session. *Professor Neilson and Staff*

Reference Book: French, Notes on Writing for Students in Engineering (McGill).

FOURTH YEAR

1560. ENGINEERING REPORTS. Continuation of Course 1540.

1 lecture per week, session. *Professor Neilson and Staff*

1561. ENGINEERING PRACTICE I. The planning of investment in engineering projects and industrial plant by determining the quantitative basis for decisions while recognizing the importance of irreducible factors: supply and demand of different types of capital; interest rates; amortization; comparison of alternatives; break even point analysis; depreciation, taxation; financial statements; replacement; valuation; government projects.

Professors Morrison and Salman and Mr. R. N. Morrison

Textbook: To be announced.

FIFTH YEAR

1580. ENGINEERING PRACTICE II. Continuation of Course 1561.

2 lectures per week, first term. *Mr. R. N. Morrison*

Reference Books: Boulding, Economic Analysis (Harper); Dean, Managerial Economics (Prentice-Hall); Grant, Principles of Engineering Economy (Ronald); Petrie, Taxation of Corporate Income in Canada (Univ. of Toronto Press); Specthrie, Industrial Accounting (Prentice-Hall).

1581. ENGINEERING LAW. Definition of law; different branches of law; distinction between civil and criminal law and between civil and common law; statutes, orders in council, and by-laws; Canadian constitutional law and organization of courts; civil law including marriage, tutorship, minority, and interdiction, types of property, rights of ownership, successions, wills and succession duties, expropriation, servitudes, obligations, responsibility for negligence, Workmen's Compensation Act, privileges, hypothecs, registration, prescription, marriage contracts and rights of women, sale, lease and hire, mandate, engineering and architectural contracts, responsibility of architect and builder; organization of engineering and architectural professions; patents, trademarks, industrial design and copyright; partnership and companies; mining; railways; expert evidence and evidence generally.

2 lectures per week, first term. *Hon. Mr. Justice G. S. Challies*

Reference books: Nord, Legal Problems in Engineering (Wiley); Laidlaw Young, Engineering Law (University of Toronto Press).

DEPARTMENT OF ENGLISH

Professors	RALPH S. WALKER, *Chairman*
	H. G. FILES
	JOYCE HEMLOW
Associate Professor	HUGH MACLENNAN
Assistant Professors	CONSTANCE BERESFORD-HOWE
	CURTIS D. CECIL
	LOUIS DUDEK
	SLAVA KLIMA
	ALEX LUCAS
	ARCHIBALD E. MALLOCH
	GORDON F. SLEIGH
	KATHLEEN M. VAUGHAN
Lecturers	WILLIAM T. BOOTH
	KEITH BROWN
	ALLAN J. HARTLEY
	MARTIN PUHVEL
	MARGERY E. SIMPSON
	JOHN J. SOMMERS
	HUGH SPROULE
	DONALD WALLACE

1000. ENGLISH LITERATURE (Arts and Science 100).

2 hours lectures and 1 hour tutorial conference per week, session.
Professor Walker and Members of the Department

1001. ENGLISH COMPOSITION (Arts and Science 100C).

1 hour tutorial conference per week, session.
Professor Lucas and Members of the Department

1002. ELEMENTARY ENGLISH COMPOSITION (Arts and Science 150).

For students whose native tongue is not English and who have particular difficulty in writing correct idiomatic English.

2 hours tutorial conferences per week, session.
Professor Vaughan and Members of the Department

For more detailed descriptions of the content of the above courses see the Announcement of the Faculty of Arts and Science.

The normal requirement in English for students in First year Engineering is English 1000 plus English 1001. This involves four hours per week of lectures and conferences throughout the session.

At the beginning of the session students will be required to take a test in Composition. Students who attain a high standard in the work of the class may be exempted from the final examination.

Students whose native tongue is not English, and whose proficiency in the use of English is not such, in the opinion of the Department, as to enable them to profit adequately from English 1000 and 1001, will be directed to substitute English 1002 for English 1000 and English 1001.

DEPARTMENT OF GEOLOGICAL SCIENCES

Professors	T. H. Clark, *Chairman*
	J. E. Gill
	E. H. Kranck
Associate Professors	J. S. Stevenson
	J. E. Riddell
Assistant Professors	J. A. Elson
	C. W. Stearn

THIRD YEAR

1142 (Arts and Science 121). GENERAL GEOLOGY. The earth and the solar system; minerals and rocks composing the earth: erosive forces (weather, wind, rivers, waves, etc.) modifying its surface, and deformative processes (temperature changes, compression, etc.) affecting its subsurface structure; the origin and historical development of the earth and of living things. The economic aspects of all phases of the subject are treated throughout the course.

2 lectures and 2 hours laboratory per week, session. During October the laboratory work is replaced by field excursions.

Professors Clark and Stearn

Text: Longwell and Flint, Introduction to Physical Geology (Wiley, 1955).

Reference book: Agar, Flint, and Longwell, Geology from Original Sources (Holt, 1929).

1144 (Arts and Science 221). MINERALOGY. Lectures: crystallography; physical properties and chemical composition of minerals; the more important ore-minerals, industrial minerals, rock-forming minerals, uses and sources of supply of economic minerals. Laboratory: study of

crystal models and crystals; methods for the determination of minerals by blowpipe analysis and by related chemical tests; application of these plus physical characters in the identification of minerals.

2 lectures and 3 hours laboratory per week, session. *Professor Stevenson*

Text: Hurlbut, Dana's Manual of Mineralogy (Wiley, 1952).

FOURTH YEAR

1161. MINERALOGY. Same as first half of Geology 1144 (Arts and Science 221).

Lectures: crystallography; study of the more important ore minerals. Laboratory: study of crystal models and crystals; determination of ore-minerals by physical characteristics and by blowpipe and chemical tests.

2 lectures and 3 hours laboratory per week, first term.

Text: Hurlbut, Dana's Manual of Mineralogy (Wiley, 1952).

Professor Stevenson

1162 (Arts and Science 221) MINERALOGY. Same as Course 1144 except for laboratory.

2 lectures per week, session, and 3 hours laboratory per week, first term. *Professor Stevenson*

Textbook: Hurlbut, Dana's Manual of Mineralogy (Wiley, 1952).

1164 (Arts and Science 332a). PETROLOGY. The common igneous, sedimentary, and metamorphic rocks; modes of occurrence; identification by field methods.

2 lectures and 3 hours laboratory per week, first term. *Professor Kranck*

Textbook: G. W. Tyrrell, The Principles of Petrology, 1956.

1165 (Arts and Science 231c). FIELD GEOLOGY. Surface and underground geological field survey methods. Preparation of geological maps, sections, models and reports from field notes, diagrams, aerial photographs, etc.

Two-week field school in May. *Professor Riddell*

Reference books: Lahee, Field Geology 5th ed. (McGraw-Hill); McKinstry, Mining Geology (Prentice-Hall).

1166 (Arts and Science 232b). STRUCTURAL GEOLOGY. A systematic survey of rock structures, their origins and practical importance.

2 lectures and 3 hours laboratory per week, second term. *Professor Riddell*

Textbook: Billings, Structural Geology, 2nd ed. (Prentice-Hall).

1180 (Arts and Science 444). GEOLOGY OF NORTH AMERICA. The geological history, geomorphology, and mineral resources of the natural subdivisions of North America are described.

2 lectures per week. *Professors Elson, Riddell and Stearn*

Textbook: Geology and Economic Minerals of Canada, 4th ed. (Geological Survey of Canada, 1957).

FIFTH YEAR

1182 (Arts and Science 441). ORE DEPOSITS. Nature, origin, mode of occurrence and classification of deposits of metallic and non-metallic minerals; typical occurrences; geographical distribution.

2 lectures per week, session, and 3 hours laboratory per week, second term. *Professor Gill*

Textbook: Bateman, Economic Mineral Deposits (Wiley).

DEPARTMENT OF MATHEMATICS

Professors
HERBERT TATE, *Chairman*
CHARLES FOX
EDWARD ROSENTHALL
P. R. WALLACE
HANS ZASSENHAUS

Associate Professors
HYMAN KAUFMAN
WACLAW KOZAKIEWICZ
JOACHIM LAMBEK
E. L. LOMON
T. F. MORRIS
J. E. L. PECK
H. W. E. SCHWERDTFEGER
R. T. SHARP
C. D. SOLIN

Assistant Professors
M. D. BURROW
G. D. FINDLAY
SIDNEY KAHANA
SAMUEL MELAMED
T. V. NARAYANA
NORMAN OLER
B. A. RATTRAY
L. P. WOOD

Lecturers
MICHAEL HERSCHORN
D. M. KINGSBURY
JOSEPH MURPHY
R. A. PATTERSON
I. H. SHTERN
DAVID SUSSMAN
J. T. YAMADA

FIRST YEAR

1200 (Arts and Science 111). TRIGONOMETRY, ALGEBRA, AND ANALYTICAL GEOMETRY.

Plane Trigonometry. Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformations of sums and products, logarithmic solution of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

Algebra. Variation, progressions, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

Analytic Geometry. The analytic geometry of the straight line and circle.

3 lectures per week, session. *Mr. Patterson and Staff*

Textbook: H. Tate, Elementary Mathematical Analysis (Pitman).

1202. ENGINEERING PROBLEMS. Problems and exercises in practical computations on course 1200 involving the slide rule, logarithms, approximations, graphs, etc.

2 hours per week, session. *Mr. Patterson and Staff*

SECOND YEAR

1220. ALGEBRA. Complex numbers, remainder theorem, partial fractions, interest, annuities, sinking funds, depreciation, valuation of mining property, bonds.

2 lectures per week, first term. *Staff*

Textbook: T. S. Peterson, College Algebra (Harper).

1222. ANALYTIC GEOMETRY. Conic sections and their simple properties, introduction to three-dimensional analytic geometry, polar co-ordinates, parametric representation with applications to some elementary notions in statistics such as averages, standard deviation, coefficients of variation and correlation, determination of lines of best fit.

2 lectures per week, session. *Staff*

Textbook: Robin Robinson, Analytical Geometry (McGraw-Hill).

1224. CALCULUS. Functional notation; limits; differentiation of elementary functions; maxima and minima; geometric applications; differentials; integration of standard functions; definite integrals; geometrical and physical applications.

3 lectures per week, session. *Staff*

Textbook: T. S. Peterson, Elements of Calculus (Harper).

1226. MENSURATION AND SPHERICAL TRIGONOMETRY. Simple geometrical properties of lines, planes, and spheres; solid angles, dihedral angles and spherical triangles; the mensuration of the simpler rectilinear solids, cylinders, cones, and spheres. The sine and cosine laws, half-angle formulae, Napier's analogies, solution of oblique triangles, applications to astronavigation, Napier's rule of circular parts for right-angled triangles, law of species, solution of right-angled triangles.

2 lectures per week, second term. *Staff*

Textbooks: R. Brink, Spherical Trigonometry (Appleton); Kern and Bland, Solid Mensuration (Wiley).

THIRD YEAR

1240. ADVANCED CALCULUS (Arts and Science 333). Partial differentiation, Jacobians and implicit functions, mean value theorems and Taylor series, indeterminate forms, line integrals, Green's and Stokes's theorems, definition of analytic functions of a complex variable, poles and residues, evaluation of definite integrals, the Gamma function and related definite integrals, vectors.

3 lectures per week, session. *Professor Melamed*

Text: Franklin, *Methods of Advanced Calculus* (McGraw-Hill).

1242. CALCULUS. Curvature; partial differentiation; double and triple integrals with application to volumes, moments of inertia, etc.; Taylor's theorem; exponential and logarithmic series; hyperbolic functions; vectors.

2 lectures per week, session. *Professor Rosenthall and Staff*

Textbook: T. S. Peterson, Elements of Calculus (Harper).

1246. VECTOR METHODS AND NOMOGRAPHY. Algebra of vectors, scalar and vector product of two vectors, multiple products, differentiation of vectors with applications to geometry and elementary mechanics, nomography.

1 lecture per week, session. *Professor Fox*

Texts: G. Coffin, *Vector Analysis* (Wiley).

FOURTH YEAR

1260. DIFFERENTIAL EQUATIONS. Ordinary differential equations; methods of solution; elementary functions in complex variables; linear differential equations; especially with constant coefficients; vibration and electric circuit problems; setting up equations; solution by series and introduction to partial differential equations.

2 lectures per week, session. *Professor Kaufman and Staff*

Textbook: Kells, Elementary Differential Equations (McGraw-Hill).

1264. THEORY OF FUNCTIONS AND ADVANCED DIFFERENTIAL EQUATIONS. Conformal mapping; properties of analytic functions; residues; Cauchy's theorem; contour integrals; applications to ordinary and partial differential equations.

1 lecture and 1 hour problems, session. *Professor Kaufman*

Textbooks: R. V. Churchill, Introduction to Complex Variables and Applications (McGraw-Hill); R. V. Churchill, Fourier Series and Boundary Value Problems (McGraw-Hill).

1268 (Arts and Science 331). STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS. (Same as Course 1368.)

(a) Dynamics of a particle in one and two dimensions; motion of pair of particles; dynamics of rigid bodies; mass systems.

3 lectures per week, first term. *Professor F. R. Terroux (Physics)*

(b) Central orbits and scattering problems. Lagrangian and Hamiltonian equations. Rotations. Motion of rigid bodies, principal axes and moments of inertia. Normal modes of vibration and characteristic frequencies of oscillating systems, with applications to atomic and molecular physics.

3 lectures per week, second term. *Professor Jackson*

Textbooks: (a) Lamb, Statics (C.U.P.); Lamb, Dynamics (C.U.P.); (b) Slater and Frank, Mechanics (McGraw-Hill).

Reference books: Goldstein, Classical Mechanics, (Addison Wesley); Corben and Stehle, Mechanics (Wiley).

FIFTH YEAR

1282 (Arts and Science 446a). FLUID DYNAMICS (Half course). The equations of motion, conservation of energy and circulation, the theory of images, complex potential and conformal transformation methods, especially solutions for vortex arrays and aerofoil theory, Stokes's stream function for three-dimensional solutions, the equations of viscous flow and boundary layer motion.

First term: 3 hours. *Professor Fox*

Textbooks: Milne-Thomson, Hydrodynamics (Macmillan); Ramsey and Besant, Hydro-Mechanics (C.U.P.).

1284 (Arts and Science 448b). ADVANCED DYNAMICS (Half course). General formulation of Lagrangian dynamics, Hamiltonian equations. Least action principle. Canonical transformations. Poisson brackets. Hamilton-Jacobi theory. Introduction to special relativity in classical mechanics.

Second term: 3 hours. *Professor Sharp*

Textbook: Goldstein, Classical Mechanics.

1290 (Arts and Science 441). MATHEMATICAL PHYSICS. (Same as Course 1390.) Vibration problems, eigenfunctions and eigenvalues, sound waves, scattering problems. Fourier transforms and application to problems of heat conduction and diffusion. Introduction to relativity and wave mechanics. Twelve lectures on topics arising in spectroscopy and nuclear physics will be given by Professor Foster.

3 hours per week, session. *Professor Wallace*

Textbooks: Lindsay, Concepts and Methods of Theoretical Physics (Van Nostrand); Joos, Theoretical Physics (Blackie).

DEPARTMENT OF MECHANICAL ENGINEERING

Professors	WILLIAM BRUCE, *Chairman*
	D. L. MORDELL
Associate Professors	A. R. EDIS
	J. W. STACHIEWICZ
Assistant Professors	J. C. CHERNA
	P. V. COVO
	RUDOLF PUTNAERGLIS
	J. H. T. WU
Lecturers	ERICH HERBST
	FRANCIS HOWITT
	A. R. MCKAY
	C. L. MURPHY
	R. D. WINSHIP
Special Lecturer	SEYMOUR LEVINE
Sessional Lecturer	To be appointed
Demonstrators	To be appointed
Shop Instructor	F. G. CORRICK

FIRST YEAR

511. ENGINEERING DRAWING I. Lettering and free-hand sketching; use of instruments; orthographic projection: auxiliary and oblique views; dimensioning, sectioning, use of conventions; one-plane projections: axonometric, oblique; design.

3 hours per week, session. *Professor Covo and Staff*

SECOND YEAR

521. ENGINEERING DRAWING II. Common machine elements: screws, welding, piping, gears, pulleys and structural shapes; drawing for mass production:

accuracy control and surface quality; design problems requiring preparation of briefs: sketches, calculations and finished drawings.

3 hours per week, session. *Professor Covo and Staff*

522. DESCRIPTIVE GEOMETRY. Fundamentals of orthographic projection; characteristics of lines and planes; plane figures and solids; auxiliary projections; analytical solutions; dihedral angles; solutions on cones.

1 lecture and 2 hours drafting room per week, session. *Professor Cherna*

THIRD YEAR

541. ENGINEERING DRAWING III. Production processes: correlation between processes and design; mechanical and structural design problems requiring elementary stress analysis.

3 hours per week, session. *Professor Covo and Staff*

542. MECHANICS OF MACHINES. Constrained motion; instant centers; centrodes; analysis and classification of simple mechanisms, including the quadric-crank, the slider-crank, and wheel trains; design of involute gear teeth; belts and flexible couplings; cam design.

1 lecture, 3 hours problems per week, second term. *Professor Putnaerglis*

Reference books: Billings, Applied Kinematics (Van Nostrand); Guillet, Kinematics of Machines (Wiley); Hinkle, Kinematics of Machines (Prentice Hall).

543. MACHINE SHOP I. Lectures: tools, tool grinding, cutting action of tools, and safety precautions. Shopwork: marking off, layout, straight and taper turning, surface and gang milling, and use of dividing head (plain indexing).

3 hours per week, session. *Mr. Corrick*

830. SUMMER ESSAY (see pages 1448-50).

FOURTH YEAR

561. INDUSTRIAL ENGINEERING I. Analysis of production methods; comparison of manufacturing processes; coordination of design and production; selection of method for proper use of material and manufacturing method; analysis of inspection techniques; effect of output on design.

2 lectures and 2 hours problems per week, first term. *Professor Cherna*

References: Young, Materials and Processes (Wiley); Schaller, Manufacturing Methods (McGraw-Hill).

563. MACHINE SHOP II. Study of speeds and feeds for metal cutting, compound and differential indexing on milling machine, shaper operations, surface

and cylinder grinding, drills and drilling, consideration of inspection methods.

5 hours per week, first term. *Mr. Corrick*

564. MECHANICS OF MACHINES. Mechanics of reciprocating engines—crank-effort diagrams, flywheel calculations, shaking-force diagrams and engine balancing; functions and dynamics of governors, mechanical and hydraulic; gear trains; friction and lubrication.

2 lectures and 1 hour problems per week, session. *Professor Stachiewicz*

Reference book: Ham and Crane, Mechanics of Machinery (McGraw-Hill).

566. MECHANICAL ENGINEERING. Elementary thermodynamics: properties of steam; fuels and combustion; steam power plants; gas processes; gas cycles; air compressors; I-C engines; engine performance; refrigeration; fluid dynamics; measuring instruments; dimensional analysis; turbo-machinery; heat transfer.

2 lectures per week, session. *Professor Wu and Mr. MacKay*

Text: Mooney, Introduction to Thermodynamics and Heat Transfer (Prentice-Hall).

Reference Books: MacNaughton, Elementary Steam Power Engineering (Wiley); Lichty, Internal Combustion Engines (McGraw-Hill); Binder, Fluid Mechanics (Prentice Hall); Eckert, Heat Transfer (McGraw-Hill).

569. MECHANICAL ENGINEERING LABORATORY. Properties of lubricants; tests of economy and performance of steam engine, boiler, internal combustion engines, air compressor and steam turbine; heat transfer; proximate analysis and calorific value of coal; flue-gas analysis; combustion calculations; fan performance.

3 hours per week, session. *Professors Stachiewicz, Putnaerglis and Staff*

Reference books: Sweeney, Measurement Techniques in Mechanical Engineering (Wiley); Shoop and Tuve, Mechanical Engineering Practice (McGraw-Hill).

571. APPLIED THERMODYNAMICS I. Basic definitions and concepts; first law of thermodynamics; general energy equations for non-flow and for flow processes; reversibility and reversible processes; pure substances, properties of gases, properties of vapours, second law of thermodynamics; entropy; power cycles, gas and vapour; combustion; steam power plants; internal combustion power plants; gas compressors and expanders; refrigeration.

2 lectures and 1 hour problems per week, session. *Professor Bruce*

Reference books: Ebaugh, Engineering Thermodynamics (Van Nostrand); MacNaughton, Elementary Steam Power Engineering (McGraw-Hill); Solberg, Cromer and Spalding, Elementary Heat Power (Wiley).

573. FLUID DYNAMICS I. Fundamentals; flow of an ideal fluid; stream lines and stream tubes; Bernouilli's equation for incompressible and compressible flow; flow of a real fluid; boundary layer concepts; similarity and dimensional analysis; fluid flow in pipes.

2 lectures per week, first term. *Professor Mordell*

Textbooks: Binder, Fluid Mechanics (Prentice Hall).

575. MECHANICAL DESIGN I. The course covers the application of the theories of Strength of Materials to the design of mechanical details of machinery. Rational methods are developed, and empirical factors are introduced as required. The emphasis in this course is on detail design work and on acquiring good habits in design detailing on the draughting board.

4 hours lectures, 6 hours problems, second term. *Professor Edis*

Textbook: Shigley, Machine Design (McGraw-Hill).

Reference books: Vallance and Doughtie, Design of Machine Members, 3rd Edition (McGraw-Hill); Spotts, Design of Machine Elements, 2nd Edition (Prentice Hall).

577. MACHINE DESIGN. This course shows the application of the theory of Strength of Materials to the design of machine elements. The principles of rational design are introduced and stresses in elementary machine members investigated. Empirical factors in design are considered as required.

3 lectures per week, second term. *Professor Covo*

Reference books: Vallance & Doughtie, Design of Machine Members (McGraw-Hill); Black, Machine Design (McGraw-Hill); Spotts, Design of Machine Elements (Prentice Hall).

578. MECHANICAL SERVICES IN BUILDINGS. A general discussion course relating to problems encountered in providing mechanical services in buildings. Physiological and environmental aspects of heat, ventilation and air conditions are discussed as well as the estimation of heating and cooling loads and the selection and specification of suitable equipment. Sprinkler systems, gas, plumbing and elevators are discussed. The characteristics of typical equipment are outlined and the construction problems produced by installation of this equipment are studied.

Seminars are held to discuss the installation of the mechanical equipment in buildings designed by the students. Field trips are made to inspect various mechanical installations in different types of buildings.

2 hours lectures per week, session; 3 hours per week seminars or field trips, second term. *Professor Levine*

Reference books: Allen and Walker, Heating and Air Conditioning (McGraw-Hill); Severns and Fellows, Heating, Ventilation and Air Conditioning Fundamentals (Wiley).

579. THEORY AND DESIGN OF MACHINES I. Analysis and classification of simple mechanisms; mechanics and dynamics of reciprocating machinery; balancing; friction and lubrication; analysis of stresses in machine members, under static and dynamic loads; introduction to vibration theory.

2 hours lectures, 3 hours problems, both terms.

Professors Edis and Stachiewicz

Textbook: Shigley, Machine Design (McGraw-Hill).

840. SUMMER ESSAY (see pages 1448-50.)

FIFTH YEAR

581. EXPERIMENTAL MECHANICAL ENGINEERING. Calibration and use of instruments; measurement of pressure, of temperature, and of power; test methods; test techniques and methods of expressing results; graphical representation and errors.

Investigation and tests of steam boiler, steam turbine, internal combustion engines, air compressor, vacuum pump, fans, heat pump, refrigerating machine; measurements of fluid flow and heat transfer.

2 hours lectures per week, first term; 6 hours laboratory per week, session.

Professor Stachiewicz and Staff

Textbook: Sweeney, Measurement Techniques in Mechanical Engineering (Wiley).

Reference books: Diederichs and Andrae, Experimental Engineering (Wiley); Shoop and Tuve, Mechanical Engineering Practice (McGraw-Hill).

583. INDUSTRIAL ENGINEERING II. Plant layout and equipment; industrial safety and accident prevention; work analysis and measurement; elementary analysis of statistical quality control; optima of industrial production; production analysis and control; production planning.

2 hours lectures, 3 hours problems, per week, session. *Professor Cherna*

References: Maynard, Industrial Engineering Handbook (McGraw-Hill); Ireson and Grant, Handbook of Industrial Engineering and Management (Prentice-Hall).

593. APPLIED THERMODYNAMICS II. Thermodynamic equations for gases and vapours; gas-vapour mixtures; evaporating, drying and air-conditioning

processes; thermodynamics of combustion; modified and improved power plant cycles; power plant equipment; power plant heat balance; factors preventing the realization of theoretical performance in heat engines; refrigeration and heat pump systems.

2 lectures and 3 hours problems per week, session. *Professor Bruce*

Reference books: Hawkins, Thermodynamics (Wiley); Mooney, Mechanical Engineering Thermodynamics (Prentice-Hall); Gaffert, Steam Power Stations (McGraw-Hill); Lichty, Internal Combustion Engines (McGraw-Hill); Raber and Hutchinson, Refrigeration and Air-Conditioning (Wiley).

594. HEAT TRANSFER. Fundamentals of heat transfer; conduction; free convection; forced convection; basic concepts of the flow theory in laminar and turbulent flow; condensation and evaporation; radiation; overall transfer of heat.

2 hours lectures per week, second term. *Professor Mordell*

Reference Books: Brown and Marco, Introduction to Heat Transfer (McGraw-Hill); Eckert, Introduction to the Transfer of Heat and Mass (McGraw-Hill); McAdams, Heat Transmission (McGraw-Hill).

595. MECHANICAL DESIGN II. In continuation of the work of the Fourth year, more complex problems in design are introduced. The structural nature of many mechanical mechanisms is stressed, and theories of fatigue failure, the evolution of practical safety factors, and the practical aspects of the design and manufacture of mechanical parts are introduced. During the year students are required to prepare a complete preliminary design brief and working drawings for a typical engineering project.

2 hours lectures, 3 hours problems, session. *Professor Edis*

Reference books: As for course 575 and additionally, Timoshenko, Strength of Materials—Parts I and II (Van Nostrand).

596. FLUID DYNAMICS II. Boundary layer theory; the transport of momentum, heat and mass; momentum relations in steady flow; compressible fluid dynamics; waves; resistance and lift of immersed bodies; general theory of turbo-machines; turbines and compressors.

2 hours lectures, 1 hour problems, session. *Professors Mordell and Wu*

Textbook: Binder, Fluid Dynamics (Prentice Hall).

Reference book: Hunsaker and Rightmire, Engineering Application of Fluid Mechanics (McGraw-Hill).

597. DYNAMICS OF MACHINES. Solution of problems in dynamics by methods of inertia, momentum and energy. Study of inertia forces and stresses in machines. Vibrations; free, forced, damped and undamped, with one or

more degrees of freedom. Electromechanical analogies. Whirling and torsional vibrations of shafts, balancing of rotors and other problems involving the dynamic behaviour of machines.

2 hours lecture, 1 hour problems, session. *Professor Stachiewicz and Staff*

Reference books: Crossley, Dynamics in Machines (Ronald Press); Thomson, Mechanical Vibrations (Prentice Hall); Den Hartog, Mechanical Vibrations (McGraw-Hill).

598. THEORY AND DESIGN OF MACHINES II. Advanced dynamics, kinematics of vibration. Design theory. Students are required to prepare a design brief and drawings for a typical engineering project that will require application of the theoretical studies.

2 hours lectures, first term; 3 hours problems, both terms.

Professors Edis and Stachiewicz

599. ENGINEERING PROBLEMS. Students will study typical engineering problems involving different interrelated aspects of engineering theory, leading to selection and evolution of a design for which drawings will be expected.

12 hours per week, both terms. *Staff*

850. SUMMER ESSAY (see pages 1448-50).

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

Graduate courses are offered in Mechanical Engineering. For particulars of these and qualifications for entering the Graduate Faculty, see the Announcement of the Faculty of Graduate Studies and Research.

DEPARTMENT OF METALLURGICAL ENGINEERING

Professor	J. U. MACEWAN, *Chairman*
Associate Professor	H. H. YATES
Lecturer	C. D. EASTEAL
Sir William Dawson Fellow	———

THIRD YEAR

643. METALLURGICAL PROBLEMS AND LABORATORY. Materials balances for smelting and refining operations, combustion problems, refractories, problems in physical chemistry, introductory laboratory practice in smelting.

1 lecture per week, session, 2 hours laboratory, first term; three hours laboratory second term. *Professor MacEwan*

830. SUMMER ESSAY (see pages 1448-50).

FOURTH YEAR

662. METALLURGICAL LABORATORY. Use of the metallographic microscope, preparation of specimens for examination, metallography of iron and steel, photographic technique, heat treatment of steel, pyrometry.

3 hours per week, session. *Professor MacEwan and Mr. Easteal*

664. METALLURGICAL PROBLEMS. The application of thermodynamic principles to metallurgical operations and processes. Problems are designed to illustrate the use of enthalpy, entropy, free energy and activity to study reaction equilibria, especially those types commonly associated with roasting, smelting and refining processes.

2 hours per week, session. *Professor Yates*

666. METALLURGY OF IRON AND STEEL. An introduction to physical metallurgy with particular reference to iron and steel, fabrication of steels, theory and practice of heat-treatment, applications of iron and steel in industry.

1 lecture per week, session. *Mr. Easteal*

Textbook: Wulff, Taylor and Shaler, Metallurgy for Engineers (Wiley).

Reference books: Mondolfo and Zmeskal, Engineering Metallurgy (McGraw-Hill); Samans, Engineering Metals and Alloys (Macmillan); Kehl, The Principles of Metallographic Laboratory Practice (McGraw-Hill); Brick and Phillips, Structure and Properties of Alloys (McGraw-Hill); Williams and Homerberg, Introduction to Metallography (McGraw-Hill); Young, Materials and Processes (Wiley).

668. METALLURGICAL UNIT OPERATIONS. Study of some unit operations of metallurgical interest: pyrometry, heat transfer, introduction to fluid flow.

1 hour lecture and 1 hour problems per week, session. *Mr. Easteal*

Textbook: Schuhmann, Metallurgical Engineering Principles (Addison Wesley).

Reference books: Binder, Fluid Mechanics (Prentice-Hall); Brown and Associates, Unit Operations (Wiley).

670. PHYSICAL METALLURGY. Review of ferrous metallurgy; introduction to non-ferrous alloys; theory of alloys; theory and practice of heat-treating; use of furnaces, pyrometers, and testing equipment.

1 lecture and 2 hours laboratory per week, first term. *Professor Yates and Mr. Easteal*

Reference books: As for Course 666.

840. SUMMER ESSAY (see pages 1448-50).

FIFTH YEAR

680. HYDROMETALLURGY. The lectures in this course are concurrent with those of Course 683. In place of the regular problem period advanced reading will be assigned with special problems designed to give the student a better understanding of recent developments in hydrometallurgy.

3 lectures per week, session. *Professor Yates*

Reference books: See Course 683.

681. EXTRACTIVE METALLURGY. Application of the principles of physical chemistry to metallurgical processes used in the recovery and refining of metals. Various standard processes will be studies and these studies will be augmented by assignments including problems.

2 hours lectures per week, session. *Professor MacEwan*

Reference books: See Course 686.

682. METALLURGICAL LABORATORY. Experiments in pyrometry, heat-treatment, metal refining, metallography, metal working, alloy preparation, fluid flow.

6 hours laboratory per week, first term.

3 hours laboratory per week, second term.

Professor MacEwan

683. HYDROMETALLURGY. The concepts of kinetic theory, chemical kinetics, phase rule and colloid chemistry are introduced with emphasis on systems of metallurgical interest. These ideas and the principles of electrochemistry are used as a basis for the discussion of processes involved in hydrometallurgy, electrometallurgy and corrosion.

3 lectures and 1 hour problems per week, session. *Professor Yates*

Textbook: Daniels and Alberty, Physical Chemistry (Wiley).

Reference books: Findlay, Campbell and Smith, Phase Rule (Daver); Laidler, Chemical Kinetics (McGraw Hill); Mantell, Industrial Electrochemistry (McGraw-Hill); Van Arsdale, Hydrometallurgy of the Base Metals (McGraw-Hill).

684. EXTRACTIVE METALLURGY. Application of the principles of physical chemistry to metallurgical processes used in the recovery and refining of metals. Various standard processes will be studied and these studies will be augmented by the solution of problems.

2 hours lectures and 2 hours problems per week, session.

Professor MacEwan

Reference books: See Course 686.

686. GENERAL METALLURGY. Physical metallurgy of non-ferrous metals and alloys; their uses in industry; basic principle of roasting, smelting, refining, and hydrometallurgical processes.

2 lectures per week, session. *Professor MacEwan*

Reference books: The Departmental Library has numerous texts, reference books, and periodicals, which are available to students.

688. METALLURGICAL COLLOQUIUM. Students are required to present detailed papers on selected metallurgical topics. This is followed by a discussion period.

1 hour per week, second term. *Staff*

690. METALLURGICAL DESIGN. Design of simple furnaces; materials balances and heat balances in standard processes.

3 hours problems per week, second term. *Professor MacEwan*

691. INSTRUMENTATION AND CONTROL. Fundamentals of system behaviour and analysis; open and closed loop systems; stability criteria; some typical control system components.

2 hours lectures and 3 hours laboratory per week, second term.
Professor Yates and Mr. Silvester

693. PHYSICAL METALLURGY. Lectures will be taken concurrently with Course 694. In place of the regular problem period, advanced reading will be assigned, with special problems designed to give the student a better understanding of recent developments in physical metallurgy.

2 hours lectures per week, session. *Mr. Easteal*

694. PHYSICAL METALLURGY. Crystallography, X-ray diffraction, metal and alloy structures, theory of plastic deformation and annealing, age-hardening, heat treatment, and assigned problems.

2 hours lectures and 1 hour problems per week, session. *Mr. Easteal*

Textbook: Brick and Phillips, Structure and Properties of Alloys (McGraw-Hill).

Reference books: See Course 686.

695. STUDIES IN METALLURGICAL PROCESSES. In this course advanced topics in either physical or process metallurgy will be assigned. The work will consist of literature surveys, analyses and weekly discussions with the staff. Special laboratory work may replace the assignments in part if advisable.

6 hours per week, first term; 3 hours per week, second term. *Staff*

696. METALLURGICAL UNIT OPERATIONS. A further study of unit operations in metallurgy: fluid flow, fluidization, dust collection, vacuum evaporation, spray drying.

1 hour lecture and 1 hour problems per week, session. *Mr. Easteal*

Textbook: See Course 668.

Reference books: See Course 668.

850. SUMMER ESSAY (see pages 1448-50).

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING AND MASTER OF SCIENCE

Graduate Courses are offered in Pyrometallurgy, Hydrometallurgy, and Physical Metallurgy. For particulars of these and qualifications for entering the Graduate Faculty, see the Announcement of the Faculty of Graduate Studies and Research.

RESEARCH FELLOWSHIP IN THE DEPARTMENT OF METALLURGICAL ENGINEERING

There is one endowed research fellowship in the Department. This is awarded to a graduate of the Department who shows particular aptitude for advanced work, and is held in the Faculty of Graduate Studies and Research. Graduates of other universities are admitted to this Faculty, if qualified, but are not eligible for the fellowship mentioned.

DEPARTMENT OF MINING ENGINEERING

Professor	R. G. K. MORRISON, *Chairman*
Associate Professor	J. S. GODARD
Assistant Professor	TALAT SALMAN
Douglas Fellow	_____
Harrington Fellow	_____

THIRD YEAR

740. MINING. An introductory course dealing with the historical background of the mining industry.

1 lecture per week, first term *The Staff*

830. SUMMER ESSAY (see pages 1448-50).

FOURTH YEAR

760. MINE MAPPING. Calculation of mine survey notes using logarithms, traverse tables, and a calculating machine; calculating and mapping of a complete mine survey; drawing composite level plans; sections.

3 hours per week, second term. *Professor Salman*

761. MINE SURVEYING. The plane table and its adjustments; the three-point problem; mine surveying; the auxiliary telescope; shaft plumbing; underground traversing; stope surveys; underground curves; borehole surveys; the Brunton compass; astronomical observation.

2 lectures per week, first term. *Professor Salman*

Textbooks: To be announced.

762. MINING ENGINEERING I

(a) Sampling methods and the estimation of ore reserves; mine valuation and taxation; Canadian and world mineral production.

2 lectures per week, first term. *Professor Morrison*

(b) General mining methods: underground mining, metalliferous and coal; placer mining: quarrying; open pit mining.

2 lectures per week, second term. *Professor Morrison*

While parts (a) and (b) are required for students in Mining Engineering, either or both parts may be taken by interested students in other departments.

Reference books: Peele, Mining Engineers' Handbook (Wiley); Jones and Hunt, Coal Mining (Pennsylvania State College); Truscott, Mine Economics (Mining Publications Ltd.).

766. SUMMER SCHOOL (Fire Assaying). Procedures used in the fire assay of ores and of processed materials for precious metals, with emphasis on the underlying theory; instruction in practical assaying.

Two weeks' summer school. *Professors Godard and Salman*

Reference books: Bugbee, Textbook of Fire Assaying (Wiley); Shepard and Dietrich, Fire Assaying (McGraw-Hill).

768. MINERAL DRESSING. Preparation of ores for treatment; mechanical methods of concentration; crushing; grinding; sizing; gravity concentration; agitation; leaching, thickening; filtration; beneficiation of coal.

1 lecture and 3 hours laboratory per week, session.
Professors Godard and Salman

Reference book: Richards and Locke, Textbook of Ore Dressing (McGraw-Hill).

770. ORE ANALYSIS. Technical methods of analysis of ores and mill products.

3 hours laboratory per week, session.
Professors Godard and Salman

Reference book: Low, Weinig, and Schoder, Technical Methods for Ore Analysis (Wiley).

840. SUMMER ESSAY (see pages 1448-50).

FIFTH YEAR

782. MINE DESIGN. The problems arising in the valuation and equipping of a mining property for production are critically examined. On the basis of information supplied relating to a mining property, the student prepares a report covering the calculation of ore reserves; the financial implication of various rates of production; the mining layout and method; pumping; ventilation; transport for men, materials, ore, and waste; surface layout; ore treatment; tailings disposal; time schedule of operations leading to production; the staff, organization, ancillary services and facilities required for production.

6 hours problems per week, session. *Professor Morrison*

Reference books: As for course 762 and also Parks, Examination and Valuation of Mineral Property (Addison-Wesley Press Inc.); Lewis, Elements of Mining (Wiley); Young, Elements of Mining (McGraw-Hill).

784. MINE FINANCE AND COST CONTROL. Company law and the incorporation of mining companies; provision of capital; payroll accounts and workmen's compensation; cost accounts; direct costs; distributable costs; comparative costs and cost control; amortization, depreciation and depletion; taxes on mines; profit and loss statements and balance sheets.

2 lectures per week, second term. *Mr. R. S. Boire*

786. MINING COLLOQUIUM. Students prepare and deliver a lecture on a suitable subject.

1 hour per week, second term. *The Staff*

788. MINING ENGINEERING II.

(a) Ventilation; hoisting, haulage and conveying; pumping and drainage; compressed air.

2 lectures per week, first term. *Professor Morrison*

(b) Explosives, rock excavation, deep mining, ground pressure and support, sequence of stoping.

2 lectures per week, second term. *Professor Morrison*

(c) The Engineer and Management.

1 lecture per week, second term. *Professor Morrison*

While parts (a), (b), and (c) are required for students in Mining Engineering, any or all parts may be taken by interested students in other departments.

Reference books: Fan Engineering, 5th edition (Buffalo Forge Company); Staley, Mine Plant Design, 2nd edition (McGraw-Hill).

790. MINING ENGINEERING PROBLEMS. Calculations in combustion, costs, ventilation, hoisting, haulage, mine drainage, and other mine plant problems.

2 hours per week, session. *Professors Morrison and Salman*

794. SUMMER SCHOOL. Normally this school is held for two to three weeks immediately after Summer School 766 at the close of the Fourth year. It consists of an inspection trip to the mines and plants of some important district, and serves to acquaint the student with engineering methods as applied to the mining industry. This is considered a part of the Fifth year curriculum.

797. MINERAL DRESSING. Cyanidation, floatation, and milling calculations; laboratory work will cover screening, settling, agitation, filtration, jigging, tabling, cyanidation, and flotation.

2 lectures per week, and 3 hours laboratory, first term.
Professors Godard and Salman

798. MINERAL DRESSING. Investigation into the treatment of ores; chemical analyses; flow sheets from these investigations.

1 lecture per week and 3 hours laboratory, second term.
Professors Godard and Salman

850. SUMMER ESSAY (see pages 1448-50).

RESEARCH FELLOWSHIPS IN THE DEPARTMENT OF MINING ENGINEERING

There are two endowed research fellowships in the Department. These are awarded to graduates of the Department who show particular aptitude for advanced work, and are held in the Faculty of Graduate Studies and Research. Graduates of other universities are admitted to this Faculty, if qualified, but are not eligible for the fellowships mentioned.

DEPARTMENT OF PHYSICS

Professors
G. A. WOONTON, *Chairman*
J. S. FOSTER
J. S MARSHALL

Associate Professors
R. E. BELL
K. L. S. GUNN
W. F. HITSCHFELD
W. M. MARTIN
ANNA I. MCPHERSON
E. R. POUNDER
F. R. TERROUX
H. G. I. WATSON

Assistant Professors	C. R. Crowell
	T. W. R. East
	J. F. Mathison
	E. J. Stansbury
Lecturers	M. L. de Angelis
	M. P. Langleben
	G. V. Marr
	W. M. Telford
Senior Demonstrators	V. M. Forbes
	E. V. Harkness
	E. L. Morrison
	L. Trijtel
	F. H. Webb

FIRST YEAR

1311. MECHANICS AND ELECTRICITY. An introductory course covering the elementary portions of mechanics, magnetism, electricity, and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work, and numerical examples.

3 lectures per week, session.*

Professors Martin, Bell, Mathison and East

Laboratory, 2 hours per week, session. *Professor McPherson*

Textbooks: Marshall and Pounder, Physics (Macmillan); An Elementary College Course in Experimental Physics (Renouf Publishing Co.).

SECOND YEAR

1320 (Arts and Science 22a). HEAT. Temperature, kinetic theory, heat engines, throttling, evaporation, hygrometry, heat transfer, radiation, and expansion.

3 lectures per week, first term.

Professors Marshall, Stansbury, McPherson and Dr. Langleben

Laboratory, 2 hours per week, first term.

Professors Terroux and McPherson

Textbooks: Marshall and Pounder, Physics (Macmillan); Heat, Light, and Sound Laboratory Manual (Renouf).

1322 (Arts and Science 22b). SOUND AND LIGHT. Simple harmonic motion, waves, interference, moving sources, diffraction, vibrating systems, intensity level, audibility, musical scales, and acoustics. Waves and rays, lenses

*Voluntary tutorials are provided to assist students in 1311.

and mirrors, aberrations, the eye, optical apparatus, illumination, interference, polarized light. Wave theory developed in sound is used for light.

3 lectures per week, second term.

Professors Marshall, Stansbury, McPherson and Dr. Langleben

Laboratory, 2 hours per week, second term.

Professors Terroux and McPherson

Textbooks: Same as for Course 1320.

THIRD YEAR

1340 (Arts and Science 23). ELECTRICITY AND MAGNETISM. Fundamental principles and experimental basis of magnetism; electrostatics; current electricity (D.C. and A.C.); electromagnetic induction; electrodynamics; theory of simple circuits; elementary electronics. Special attention is given to demonstrations, applications, theory of measurements, units, instruments, and numerical problems.

2 lectures and 1 hour voluntary tutorial per week, session.

Professors Pounder, Crowell and Woonton

Advanced Section (for Engineering Physics students only).

Professor Watson

In the case of students in Engineering Physics, the tutorials are replaced by supplementary lectures on the more advanced parts of this course including, in particular, the properties of electric and magnetic fields. No examination is required on this part of the course.

Textbook: Ward, Introduction to Electrical Engineering (Prentice-Hall).

Reference books: Signal Training Manual, Vol. II, Part I, Electricity and Magnetism (H. M. Stationery Office); Page, Lessons in Electricity (Macmillan); Brown, Electricity and Magnetism (Holt); Starling, Electricity and Magnetism (Longmans Green); Sears, Electricity and Magnetism (Addison-Wesley); Shortley and Williams, Physics Vol. II (Prentice-Hall).

NOTE: Course 1344 is an integral part of Course 1340.

1342 (Arts and Science 34). HEAT AND THERMODYNAMICS. Thermodynamic systems and variables. The zeroth, first and second laws. The thermodynamics of: heat engines; two-phase systems, including a statement of the third law; theremoelectricity; Joule-Thomson effect; thermionic emission; thermal radiation. Kinetic theory of gases, introduction to statistical mechanics.

2 hours per week, session. *Professor Hitschfeld*

Text: Sears, Introduction to Heat, Thermodynamics, Kinetic Theory and Statistical Mechanics (Addison-Wesley).

References: Zemansky, Heat and Thermodynamics (McGraw-Hill); Hoare, Textbook of Thermodynamics (Longmans Green); Jeans, Kinetic Theory of Gases (Cambridge University Press); Worthing and Halliday, Heat (Wiley).

1344 (Arts and Science 23L). PHYSICS LABORATORY. Illustrating main principles of Course 1340. Theory and use of galvanometers, ammeters, voltmeters, bridges, potentiometers, resistances, capacitances, inductances, magnetometers, rectifiers, oscillators, oscillographs; limitations and accuracy of observations; significant figures.

3 hours per week, session.

Professors Pounder and Watson (*Engineering Physics only*)

Textbook: University Laboratory Manual, Electricity and Magnetism

NOTE: Course 1344 is an integral part of Course 1340.

FOURTH YEAR

1360 (Arts and Science 47). APPLIED GEOPHYSICS. Introduction to geophysical methods of prospecting and investigating sub-surface structures; theories uses, and limitations of various magnetic, electrical, gravitational, and seismic methods; practical operation of instruments; field results are obtained and analysed; field experience, when possible. Laboratory facilities are available.

2 lectures per week, first term. *Professor Watson*

Textbook: Eve and Keys, Applied Geophysics, 4th ed. (Cambridge Univ. Press); Dobrin, Introduction to Geophysical Prospecting (McGraw-Hill).

Reference book: Heiland, Geophysical Exploration (Prentice-Hall); Jakosky, Exploration Geophysics (Trija Publishing Co.).

1362 (Arts and Science 35a). ELECTRON PHYSICS. Charge and mass of the electron; the electron as a constituent of matter; atomic structure; electrons in metals and insulators; liberation of electrons from matter· thermionic emission; secondary emissions; photoelectric emission; ionization processes; electrical discharges in gases; control of free electrons; electron ballistics; electron optics; wave characteristics of the electron; electron diffraction; applied electronics, cathode-ray oscillograph; X-ray tubes; electron microscope; radio-tubes.

2 lectures per week, first term. *Professor Pounder*

Reference books: Stranathan, The Particles of Modern Physics (Blakiston); Millman and Seely, Electronics (McGraw-Hill); Richtmyer and Kennard, Introduction to Modern Physics (McGraw-Hill).

1364 (Arts and Science 36 and 36L) LIGHT, ADVANCED. Geometrical and physical optics; electromagnetic theory; interference; diffraction; polarization; simple spectrum analysis; determination of fine structure of spectral lines; Zeeman effect; theory and use of optical apparatus.

2 lectures per week, first term; 1 lecture per week, second term, and 3 hours laboratory per week, session. *Professor McPherson*

Reference books: Morgan, Introduction to Geometrical and Physical Optics (McGraw-Hill); Robertson, Physical Optics (Van Nostrand); Wood, Physical Optics (Macmillan); Drude, Optics (Longmans Green); Jenkins and White, Fundamentals of Optics (McGraw-Hill); Hardy and Perrin, The Principles of Optics (McGraw-Hill).

1366 (Part of Arts and Science 32). PROPERTIES OF MATTER. Surface tension; viscosity; diffusion; gravitation.

1 lecture per week, second term. *Professor Gunn*

Students in Engineering Physics are advised to attend these lectures, but are not required to take the final examination.

Reference books: Smith, General Properties of Matter (Arnold); Newman and Searle, General Properties of Matter (Benn); Beers, Introduction to the Theory of Error (Addison-Wesley).

1368 (Arts and Science 31). STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS.

(a) Dynamics of a particle in one and two dimensions; motion of a pair of particles; dynamics of rigid bodies; mass systems.

3 lectures per week, first term. *Professor Terroux*

Textbooks: Lamb, Statics (C.U.P.); Lamb, Dynamics (C.U.P.).

Reference books: Synge and Griffith, Principles of Mechanics (McGraw-Hill); Slater and Frank, Mechanics (McGraw-Hill); Lindsay, Physical Mechanics (Van Nostrand).

(b) Central orbits and scattering problems; Lagrangian and Hamiltonian equations; rotations; motion of rigid bodies, principal axes and moments of inertia; normal modes of vibration and characteristic frequencies of oscillating systems, with applications to atomic and molecular physics.

3 lectures per week, second term. *Professor E. L. Lomon (Mathematics)*

Textbook: Slater and Frank, Mechanics (McGraw-Hill).

Reference books: Goldstein, Classical Mechanics (Addison-Wesley); Corben and Stehle, Mechanics (Wiley).

FIFTH YEAR

1380. ACOUSTICS OF BUILDINGS. Room acoustics, sound insulation, and noise reduction, presented for architects. The second term is devoted to practical application.

1 lecture per week, first term.

2 hours laboratory per week, second term. *Professor Marshall*

Reference book: Knudsen and Harris, Acoustical Designing in Architecture (Wiley).

1382 (Arts and Science 43 and 43L). ATOMIC PHYSICS.

First term: Atoms, molecules and quanta; optical spectroscopy and classification of spectral lines; thermal radiation and the origin of the quantum theory; the nuclear atom and the Bohr theory of the hydrogen spectrum; Bohr-Sommerfeld quantization; further details of atomic spectra; the vector model, Zeeman effect; the periodic table; X-rays.

Second term: The advent of quantum mechanics, the uncertainty principle, the exclusion principle; the Schroedinger equation and some applications. Molecular spectra; microwave spectroscopy. Some current topics in atomic physics.

2 lectures and 3 hours laboratory per week, session.

Professor Martin and Dr. Telford

Reference books: Peaslee, Elements of Atomic Physics (Prentice-Hall); Richtmeyer and Kennard, Introduction to Modern Physics (McGraw-Hill); Sawyer, Experimental Spectroscopy (Prentice-Hall); Herzberg, Atomic Spectra and Atomic Structure (Dover); Slater, Modern Physics (McGraw-Hill).

1384 (Arts and Science 48 and 48L). ELECTRICAL MEASUREMENTS. Direct-current instruments and measurements; galvanometer theory; instrument calibration; alternating-current circuit theory; "operational" methods; applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

1 hour lecture per week, first term;
2 hours lectures per week, second term;
3 hours laboratory per week, session. *Professor Watson*

Textbooks: Stout, Basic Electrical Measurements (Prentice-Hall); Harris, Electrical Measurements (Wiley).

Reference books: Law, Electrical Measurements (McGraw-Hill); Hague, Alternating Current Bridge Methods (Pitman, London); Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Campbell and Childs, Measurement of Inductance, Capacitance, and Frequency (Macmillan).

1388 (Arts and Science 42). ELECTROMAGNETIC THEORY. Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials; electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics: skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennae.

2 lectures per week, first term; 1 lecture per week, second term.

Professor Stansbury

Textbook: Slater and Frank, Electromagnetism (McGraw-Hill).

Reference book: Ramo and Whinnery, Fields and Waves in Modern Radio (Wiley).

1390 (Arts and Science 41). MATHEMATICAL PHYSICS. Vibration problems, eigenfunctions and eigenvalues, sound waves, scattering problems; Fourier transforms and application to problems of heat conduction and diffusion; introduction to statistical mechanics and wave mechanics.

Same as Mathematics 1290.

3 lectures per week, session. *Professor P. R. Wallace*

Reference books: Margenau and Murphy, The Mathematics of Physics and Chemistry (McGraw-Hill); Coulson, Waves (Oliver and Boyd); Lindsay, Concepts and Methods of Theoretical Physics (Van Nostrand); Menzel, Mathematical Physics (Prentice-Hall); Joos, Theoretical Physics (Blackie); Sommerfeld, Partial Differential Equations (Academic Press); Born, Atomic Physics (Blackie).

1392 (Arts and Science 44b). RADIOACTIVITY AND NUCLEAR PHYSICS. The phenomena of radioactive disintegration and the laws of transformations of successive products; the nature and properties of the radiations; methods of detection and of measurement; mechanisms of absorption and scattering; neutrons, positrons, and the constitution of nuclei; methods of producing artificial disintegrations and their products; introduction to nuclear physics.

2 lectures and 3 hours laboratory per week, second term

Professor Terroux

Reference books: Rutherford, Chadwick, and Ellis, Radiations from Radioactive Substances (Cambridge); Hevesy and Paneth, A Manual of Radioactivity (Cambridge); Cork, Radioactivity and Nuclear Physics (Van Nostrand); Lapp and Andrews, Nuclear Radiation Physics (Prentice-Hall); Semat, Introduction to Atomic and Nuclear Physics (Rinehart); Kaplan, Nuclear Physics (Addison-Wesley).

1394. ATOMIC STRUCTURE. A condensed course covering the fields of atomic structure, properties of electrons, nuclei, and related radiations, including radioactivity and an introduction to nuclear physics and elementary quantum theory.

2 lectures per week, second term. *Professor Crowell*

Textbook: Tolansky, Introduction to Atomic Physics (Longmans Green).

Reference Books: Stranathan, The Particles of Modern Physics (Blakiston); Richtmeyer and Kennard, Introduction to Modern Physics (McGraw-Hill); Hoag and Korff, Electron and Nuclear Physics (Van Nostrand); Pollard and Davidson, Applied Nuclear Physics (Wiley); Lapp and Andrews, Nuclear Radiation Physics (Prentice-Hall).

REGULATIONS CONCERNING STANDING AND PROMOTION

1. The standing of all students in the work of a class year is established in the Spring by the Committee on Registration, Standing and Promotion.

2. Its decision is based on an over-all view of the results the student has achieved in the FINAL EXAMINATIONS, which are written in April (or in January for first term courses).

3. A SUPPLEMENTAL EXAMINATION period is held in August-September. Only those students whose standings are PASSED INCOMPLETE PROMOTED may write papers during this period.

4. A student is assigned one of the following standings after writing all the FINAL EXAMINATIONS of the class year in which he is registered:

   (a) PASSED COMPLETE PROMOTED
   A satisfactory over-all average in the subjects of the class year and a minimum percentage of 50% in each one.

   (b) PASSED INCOMPLETE PROMOTED

      (1) A satisfactory over-all average in the subjects of the class year but less than 50% in subjects whose total weighted marks is NOT MORE THAN 20% of the aggregate marks of all the courses. He must write the subjects in which he has failed at the next Supplemental Examination period. If he does not present himself for the Supplemental Examinations his standing may be altered to INCOMPLETE WITHDRAW UNTIL CLEAR at the discretion of the Committee.

      (2) A student who fails to obtain a pass mark in any subject in the Supplemental Examination must re-write it again at the next Final Examination and obtain at least 60%. If he should fail again his standing is automatically altered to INCOMPLETE WITHDRAW UNTIL CLEAR. He must conform fully to paragraphs 2 and 3, describing that standing. Particularly, he is ineligible to write at any Supplemental Examination period.

   (c) INCOMPLETE WITHDRAW UNTIL CLEAR

      (1) A satisfactory over-all average in the subjects of the Class Year but less than 50% in subjects whose weighted marks total MORE THAN 20% of the aggregate marks of all the courses.

(2) A student who has been assigned this standing must re-write all subjects in which he has failed and other qualifying examinations, listed in paragraph (6) at the next FINAL EXAMINATION period.

(3) In order to be promoted he must pass all failed and qualifying subjects at the same FINAL EXAMINATION period.

(d) FAILED

(1) An unsatisfactory over-all average in the subjects of the Class Year.

(2) A student who has failed may re-write all the subjects of the year at a subsequent FINAL EXAMINATION period. He must obtain a mark of 60% in each subject to gain the standing PASSED COMPLETE PROMOTED.

5. A student whose standing is INCOMPLETE WITHDRAW UNTIL CLEAR, or FAILED, may make written application to repeat the work of the year to the Committee on Registration, Standing and Promotion prior to August 1st. At its discretion the Committee may permit a student to register to do so and set the level of performance he must attain.

6. QUALIFYING EXAMINATIONS

(a) A student whose standing is INCOMPLETE WITHDRAW UNTIL CLEAR must write and pass with 50% the following qualifying examinations (without fee) to complete the year. These are in addition to those subjects he has failed.

(i) YEAR ONE

Mathematics	1200
Chemistry	902
Physics	1311

(ii) YEAR TWO

Calculus	1224
Mechanics	320 (or 322)
Physical Chemistry	922

(Students proceeding to Chemical Engineering only)

(iii) YEAR THREE

Architecture	Mechanics	340
Chemical	Calculus	1242
	Chemistry	940 (or 942)
All Others	Mechanics	340 (or 348)
	Calculus	1242

(iv) YEAR FOUR

Architecture	Strength of Materials	373
Chemical	Chemical Tech.	260
	Chemical Eng.	264
	Thermodynamics	268
Civil	Strength of Materials	373
Electrical	Electrical Eng.	460
	Electron Tubes	466
Mechanical	Applied Thermodynamics	571
	Fluid Dynamics	573
	Machine Design	575
Metallurgical	Strength of Materials	373
	Chemistry	964
Mining	Strength of Materials	373

(b) The Qualifying examinations must be written each time a student in the INCOMPLETE WITHDRAW Class writes a paper in a failed subject.

McGill University

Montreal



Faculty of Medicine

1958-1959

McGill University



Montreal

Faculty of Medicine

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine (Undergraduate courses)
Faculty of Medicine (Postgraduate courses)
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
Institute of Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, and School of Household Science)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

TABLE OF CONTENTS

	PAGE
Administrative Officers	1605
Admission to Medicine	1607
Alpha Omega Alpha Honorary Medical Society	1664
Anaesthesia	1618
Anatomy	1619
Bacteriology	1621
Biochemistry	1622
Board and Lodging	1611
Buildings	1658
Clinical Therapeutics	1630, 1631
Course for the Degree of M.D.,C.M.	1611
Courses of Instruction	1612
Dermatology	1631
Diploma in Tropical Medicine and Hygiene	1657
Dominion Registration	1617
Donner Building	1659
Embryology	1621
Entrance Requirements	1607
Equivalent Standing in Medicine	1608
Examinations	1612
Fees	1609
General Council of Medical Education, Great Britain	1617
Grading	1615
Graduate and Advanced Courses	1656
Gynaecology	1636
Health Service	1611
Health and Social Medicine	1623
Histology	1620
History of Medicine	1625
Hospitals	1659
Immunology	1621
Investigative Medicine	1626
Library	1662
Medical Jurisprudence	1625

CONTENTS—Continued

	PAGE
Medical Societies	1663
Medicine	1626
Microscopes	1610
Microscopic Anatomy	1620
Neurology and Neurosurgery	1633
Obstetrics	1636
Ophthalmology	1638
Orthopaedic Surgery	1655
Osler Library	1662
Osler Society	1664
Oto-Laryngology	1640
Paediatrics	1641
Parasitology	1643
Pathology	1644
Pharmacology	1646
Physiology	1647
Promotion	1612
Psychiatry	1649
Radiology	1650
Reciprocity with Great Britain	1617
Registration	1609
Requirements for Degree of M.D.,C.M.	1615
Requirements for Licence	1616
Surgery	1652
Therapeutics	1630, 1631
Undergraduate Medical Society	1663
Urology	1655

McGill University

FACULTY OF MEDICINE

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

David L. Thomson, M.A., Ph.D., LL.D., F.C.I.C., F.R.S.C. — *Vice-Principal*

Lloyd G. Stevenson, B.A., M.D., Ph.D. — *Dean of the Faculty*

S. M. Banfill, B.A., M.D., C.M. — *Secretary of the Faculty*

Colin M. McDougall, D.S.O., B.A. — *Registrar*

G. A. Grimson, B.Com. — *Comptroller*

Richard Pennington, B.A., Lib.Dip. — *University Librarian*

W. W. Francis, A.B., M.D. (Johns Hopkins), M.D.,C.M. — *Osler Librarian*

Special Announcements are available for the School of Physical and Occupational Therapy, and the School for Graduate Nurses.

A complete list of the teaching staff of the University, including the Faculty of Medicine, is printed as a separate Announcement, which may be obtained from the Registrar's Office.

CONTENTS—Continued

McGill University

FACULTY OF MEDICINE

ADMINISTRATIVE OFFICERS

Faculty of Medicine

The one hundred and twenty-sixth session of the Faculty will open on September 3rd, 1958 for final year students and on September 10th for students of other years.

REQUIREMENTS FOR ENTRANCE

1. (a) *Total Academic Credits:*

The minimum requirement for admission to the medical course is the satisfactory completion of three full years of study in a recognized college or Faculty of Arts and Science (or the equivalent thereof). This minimum requirement may be regarded as equivalent to a total of 90 semester hours.

(b) *Scientific Requirements:*

In the scientific branches, certain subjects are specifically required:
Chemistry, two full courses, including General Chemistry and Organic Chemistry, with laboratory work.
Physics, one year with laboratory work.
Biology, or *Zoology*, one year with laboratory work. (Of this, a half year must consist of Zoology.)

(c) *Cultural Requirements:*

These must be selected in such a way as to be in harmony with the requirements for the degree of B.A. or B.Sc. at the college where the courses are taken. These would commonly include credits in English Literature and in Composition, Mathematics, and at least one modern language. It is advisable for each applicant to present evidence of such preparation.

(d) All candidates for admission to the Medical Faculty are required to take the Medical College Admission Test conducted by the Educational Testing Service or furnish a satisfactory explanation of why they are unable to do so.

2. In selecting courses, in addition to the specific requirements listed above, the intending medical student should plan his pre-medical course as a whole, and in accordance with a definite educational objective. Emphasis should be laid on the broad educational value and the intellectual training afforded, rather than on the factual content of such pre-medical curricula; the student is therefore advised to plan his course in such a way as to provide more than elementary training in some definite field of learning which appeals to him; this major field may be selected from the Natural or the Social Sciences or the Humanities. Certain

subjects which though not essential have been found valuable in medical study, and which may be included as electives if the curriculum in the major field permits, are Psychology, Sociology, and Genetics.

In general, students are advised not to anticipate medical school courses in Physiology, Histology, Bacteriology, and Biochemistry at the expense of a fundamental training as outlined above.

On the other hand, for students who desire a preparation in excess of the minimum requirements, a considerable degree of specialization in the sciences, such as Honours graduation, or a Master's degree, in Physics, Chemistry, Biochemistry, Biology, Physiology, or Bacteriology, may prove to be desirable and advantageous.

The students' attention is called to the memorandum printed in the Announcement of the Faculty of Arts and Science, for the guidance of pre-medical students.

Candidates for admission shall furnish evidence that they have satisfied the matriculation requirements of the Licensing Body in the region where they wish to practise. This provision applies to Canadian candidates only.

EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit an official Statement of his preliminary education and of the medical course he has followed and the standing he has obtained. This should be accompanied by a calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

The equivalent courses of study in schools accepted by this University shall be determined from time to time. Acceptance of a course of study as equivalent may not include the examination in that subject held by the accepted school, but the student may be required to pass such examinations, individual or comprehensive, as may be required by the Faculty.

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than January 1st. Each application must be accompanied by a non-returnable fee of $5.00 in the form of a cheque or money order payable to McGill University.

A fee of $50.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Secretary of the Faculty, when possible, is advisable.

REGISTRATION

Students entering the 1st, 2nd and 3rd years in the Faculty of Medicine will register at the Registrar's Office on Monday, September 8th or Tuesday, September 9th, 1958. Students entering their final year will register on Tuesday September 2nd, 1958. Those who register late will be required to pay a late registration fee of $5.00 if they register during the first week of the session and $10.00 if they register during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

FEES

The University reserves the right to make changes without notice in its published scale of fees if, in the opinion of the Board of Governors, circumstances so require. Fees are not refundable, except under special conditions described in the General Information Pamphlet.

UNIVERSITY FEES

1. REGULAR STUDENTS

Annual fee (including Students' Society and Medical Students' Journal fees)		$750.00
Students in the Fourth year also pay for meals at the Royal Victoria Montreal Maternity Hospital		$ 5.00
If paid in two instalments:		
First year only —		
First instalment, on registration	375.00	
Instalment fee	2.50	
	377.50	
Less half deposit	25.00	$352.50
Second instalment, January 15th		$352.50
Second and Third years, each instalment		$377.50
Fourth year, each instalment		$380.00

2. REPEATING STUDENTS

Students repeating a year pay full fees.

3. AD EUNDEM FEE

Students entering any year above the First, pay a special *ad eundem* fee of..... $10.00

4. DIPLOMA OF TROPICAL MEDICINE AND HYGIENE FEES

The fee for the course leading to this diploma is $100.00 for those already holding the D.P.H. For all others fee is $250.00.

DATES OF PAYMENT

Fees are due and payable at the Chief Accountant's Office between the hours of 9 a.m. and 4 p.m. on the following dates:

Tuesday, September 2nd to Thursday, September 11th, or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on January 15th. An additional $2.00 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the late payment fee.

Immediately after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

All fees are payable in Canadian currency.

For further information and for a list of special fees see the General Information Pamphlet included in this Announcement.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories: 2/3, 1/6, and 1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practitioner in medicine. Suitable microscopes may be secured through local dealers. The University does not rent microscopes to medical students.

BOARD AND RESIDENCE

For details of board and residence and an estimate of expenses, see the General Information Pamphlet included in this Announcement.

HEALTH SERVICE

For details of the Health Service and Medical Examinations see the General Information Pamphlet included in this Announcement.

COURSES FOR THE DEGREE OF M.D.,C.M.

The minimum period of professional training required by the University as a qualification for the independent practice of Medicine shall be five years, including

a. four years of medical study in the University leading to the degree of M.D.,C.M.; and

b. one year of interneship in an approved hospital,

or

one year of further medical study in the Faculty of Medicine of McGill University or at another medical school approved by it.

While the Faculty Administration exercises a general supervision of arrangements for interneships, the Faculty of Medicine assumes no responsibility to provide an interneship for any student.

A certificate that his medical education is completed and that he is eligible to sit for the examination of a licensing board shall not be issued to any graduate until the University is in possession of satisfactory evidence that he has completed the full requirements.

There are three sessions of thirty-six weeks each and one session (final session) of thirty-two weeks, all exclusive of examination periods. The sessions usually begin the first Tuesday after the first Monday in September (Labour Day), and continue until the first week of June in the first three years and to the first week in May in the final year.

The academic session is divided into four terms in the first and fourth session and into three terms in the second and third sessions. The minimal period of study for the degree of M.D.,C.M., is, therefore. four sessions of study comprising one hundred and forty weeks exclusive of examination periods.

The arrangement of the principal subjects of instruction is usually as follows:

FIRST SESSION

Anatomy (including Histology and Embryology), Physiology, Biochemistry, Psychobiology and Medical Sociology, Introduction to Medicine.

SECOND SESSION

Pharmacology, General Pathology, Bacteriology and Immunology, Parasitology, Laboratory Diagnosis, Medical Jurisprudence and Toxicology, Medicine, Surgery, Paediatrics, Obstetrics, Health and Social Medicine, Psychiatry.

THIRD SESSION

Special Pathology, Health and Social Medicine, Medicine, Surgery, Obstetrics and Gynaecology, Paediatrics, Psychiatry, Therapeutics, Ophthalmology, Oto-laryngology, Radiology, Anaesthesia.

FOURTH SESSION

Medicine*, Surgery*, Obstetrics and Gynaecology, Psychiatry, Paediatrics, Ophthalmology, Oto-laryngology, Radiology, Neurology and Neuro-Surgery, History of Medicine.

*In these subjects are included the following:

Medicine—Dermatology, Clinical Therapeutics.

Surgery—Orthopaedics, Urological Surgery, Anaesthesia.

EXAMINATIONS

The examinations taken within the Medical Faculty are divided into two groups, namely major examinations and minor examinations. Major examinations are the final examinations in Anatomy (Embryology), Histology, Physiology, Biochemistry, Pharmacology, Bacteriology and Immunology, Pathology, Health and Social Medicine, Paediatrics, Medicine, Surgery, Obstetrics and Gynaecology, Psychiatry.

The examinations in Medicine and Surgery at the conclusion of the Third Session are ranked as major examinations, even though they are not the final examinations in these subjects.

Minor examinations include the final examinations in Parasitology, Neuro-anatomy, Laboratory Diagnosis, Medical Jurisprudence, Therapeutics, Ophthalmology, Oto-laryngology, Radiology, and examinations preliminary to the final major examinations.

A student who fails in any major examination will be required, before he sits a supplemental examination, to present to the Dean's office from the senior professor of the Department concerned a certificate that the student has taken sufficient extra tuition as would indicate that he has reviewed the subject and is a suitable candidate for the supplemental examination.

There is a strict difference between the importance of a major and a minor examination. If a student fails in the supplemental of a major examination, there are definite restrictions as hereinafter set forth, while failure in the supplemental of a minor examination permits the student to carry conditions as are hereinafter laid down.

A student who fails in the supplementals of not more than two minor examinations may proceed with other subjects in the following year, carrying such subjects as conditions, but may not sit any subsequent major examinations until the conditions have been removed, nor may more than two conditions be carried at one time.

All conditions must be removed by the end of the first term (November) in each session when additional supplemental examinations will be held. Failure in any of these will require the student to revert to the previous year and to repeat the courses of the Winter and Spring terms.

A student who fails in the supplementals of three or more minor examinations in any one session must repeat this session or may be asked to retire, as may be decided by the Promotion Committee, but he may appear before the Promotion Committee to plead his case if it be decided that he should retire.

A failure in the supplemental of a major examination will require the student to repeat the course (repeat the year), and no student may repeat such a course more than once. Any student who fails in the supplementals of two major examinations in any one year shall be required to retire without the privilege of further supplementals.

A student is not allowed supplementals in three major examinations in any one session. He will be required to repeat his year or retire as decided by the Promotion Committee, from whose decision there shall be no appeal.

A student is not allowed supplementals in two major and one minor examination in any one session. He will be required to repeat his year or retire as decided by the Promotion Committee, but he may appear before the Promotion Committee to plead his case if it be decided that he should retire.

A student in the final year may take a supplemental examination in one subject only at the end of the following September, but must present a certificate from the senior professor of the Department concerned that

he has taken at least three months' extra tuition in this subject in one of the teaching hospitals of the McGill Faculty of Medicine. If he should fail in this supplemental examination, he must repeat the year of study and pass all the major examinations at the completion of the session.

A student in the final year who fails in two subjects will not be permitted supplementals but must repeat the year or retire, as decided by the Promotion Committee, from whose decision there shall be no appeal.

A student will not be allowed to repeat a year more than once nor may he repeat a subsequent year if such repetition has been due to failure in examinations, except on special recommendation of the Promotion Committee, acting upon the motion of the representatives on the committee of the Department concerned.

A student who has been permitted to repeat his year shall be required to make a C+ grade, which for this purpose is considered to be 65%, or he will not be permitted to continue his course.

Examinations, tests, reviews, etc., may be held during the session by any Department in its time of instruction, provided that no more than twenty-four (24) hours' notice is given. It is understood that such examinations, tests or reviews are conducted for the benefit of the student in order that he may have experience in the requirements of the sessional examinations, and further, that he and his teachers may know he is progressing in his studies.

There shall be two Promotion Committees. The First Committee shall consist of representatives of the subjects of Anatomy, Biochemistry, Histology, Physiology, Pharmacology, Bacteriology, Parasitology, Pathology, and Endocrinology, appointed by the Dean, and the Dean and the Secretary *ex officio*. This Committee shall pass on all cases of students who fail to satisfy examination requirements in the First and Second years. The second Committee shall consist of representatives of the Departments of Pathology, Bacteriology, Health and Social Medicine, Medicine, Surgery, Obstetrics and Gynaecology, Paediatrics, and Psychiatry appointed by the Dean, and the Dean and the Secretary *ex officio*. This Committee shall pass on all cases of students who fail to satisfy examination requirements in the Third and Fourth years.

All results of examinations will be given out by the Dean's office, after they have been passed upon by the Promotion Committee. It is an absolute rule that no examination results shall be communicated by any other channel.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent. There can be no appeal from this decision.

GRADING

At the conclusion of each course, students are graded in five groups as follows:

A = Excellent
B = Good
C = Fair
D = Doubtful
E = Failure

In reporting the grading, the names of those students who attain "A" standing are arranged in order of merit; in all other grades the arrangement is alphabetical.

By regulation of the Faculty of Medicine, a student is not permitted more than one "D" grade in the examinations of a single year. In the presence of other "D" or "E" grades all "D" grades are automatically converted into failures by the Promotion Committees.

The grade assigned to a student is based upon the results of the Final Examination, but the instructor also takes into account the record of the work done throughout the course.

The quality of the English used by a candidate is taken into account in determining his standing in all examinations.

REQUIREMENTS FOR THE DEGREE OF M.D.,C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for four full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University. (See page 1608.)

3. No one is permitted to become a candidate for the degree who has not attended at least two full sessions at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions of nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anaesthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE

Intending students are reminded that a University degree in Medicine does not in itself confer the right to practise the profession of medicine. In each Province of Canada and in each one of the United States the right of licensing is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practise can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University requires Canadian students to register with the licensing body of their home province before beginning their medical course.

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:

QUEBEC—Dr. J. Paquin, 1896 Dorchester St. West, Montreal 25, P.Q.

ONTARIO—Dr. H. McPhedran, 174 St. George St., Toronto 5, Ont.

NEW BRUNSWICK—Dr. J. M. Barry, 182 Princess St., Saint John, N.B.

NOVA SCOTIA—Dr. M. R. Macdonald, Victoria General Hospital, Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. R. G. Lea, 170 Fitzroy St., Charlottetown, P.E.I.

MANITOBA—Dr. M. T. McFarland, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. W. Bramley-Moore, 207 Alexandra Block, Edmonton, Alta.

SASKATCHEWAN—Dr. G. N. Peacock, 415 Birks Bldg., Saskatoon, Sask.

BRITISH COLUMBIA—Dr. Lynn Gunn, 1807 West 10th Avenue, Vancouver 9, B.C.

NEWFOUNDLAND—Dr. C. Macpherson, P.O. Box 5121, St. John's, Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, 77 Metcalfe Street, Ottawa 4, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance at lectures, practical work, and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

Courses of Instruction

DEPARTMENT OF ANAESTHESIA

Associate Professor	R. G. B. GILBERT, *Chairman*
Wellcome Research Professor	J. G. ROBSON
Assistant Professors	W. G. CULLEN H. T. DAVENPORT R. S. FERGUSON ALAN B. NOBLE
Lecturers	P. R. BROMAGE GLADYS ELLISON J. J. KELLY P. E. O'SHAUGHNESSY
Demonstrators	D. GILLIES E. W. LARKING D. J. L. MACWATT R. A. MILLAR A. N. MUNGALL D. J. POWER C. A. SHERIDAN

UNDERGRADUATE COURSES

A student in Medicine, before reaching that part of the curriculum which deals with anaesthesia, will have acquired during the earlier years at the university some incomplete, but important, knowledge of anaesthesia while taking the courses in anatomy, physiology, biochemistry, pharmacology, and pathology.

In the final year he attends thirteen "lectures" given by the personnel of the Department of Anaesthesia. At the beginning of each "lecture" a sound-film is shown which is followed by a panel discussion on the topic presented.

The student is given advice on what to read. At the termination of these "lectures" a written examination is held.

In the final year, also, each student is allocated for one week to the Department of Anaesthesia in one of the hospitals, and two more days in another, in these to learn as much as he may in that short time, as he does the bidding of the anaesthetists and attends four well-planned lecture-demonstrations.

DEPARTMENT OF ANATOMY

Professors	C. P. LEBLOND, *Chairman* C. P. MARTIN
Associate Professors	S. M. BANFILL J. LANGMAN
Assistant Professor	Y. CLERMONT
Lecturers	L. HELLER I. SMART E. W. WORKMAN
Research Associate	H. ISLER
Teaching Fellows	W. KENT N. J. NADLER

REQUIRED COURSES

1. GROSS ANATOMY

Four hours lectures and eight hours laboratory work per week during the Autumn, Winter and Spring terms of the first medical year. This course includes Surface and Radiological Anatomy.

2. NEURO-ANATOMY

Four hours lecture and laboratory per week during the first term of the second year. Conducted with the co-operation of Dr. Francis McNaughton. This course is listed under the Department of Neurology and Neurosurgery as 2A Neuroanatomy.

3. APPLIED ANATOMY

One hour per week lecture during the Autumn, Winter and Spring terms (Designed for graduate students and candidates for the Diploma in Surgery).

Textbooks: T. B. Johnston and J. Whillis, Gray's Anatomy, 31st ed. (Longmans 1954) or J. C. Brash, Cunningham's Text-Book of Anatomy 9th ed. (Oxford 1951).

Practical Manual: J. T. Aitken *et al.*, A Manual of Human Anatomy, 5 vols. (Livingstone 1956).

Surface Anatomy: A. B. Appleton *et al.*, Surface and Radiological Anatomy, 3rd ed. (Heffer 1949).

Optional Texts: J. E. Frazer, Anatomy of the Human Skeleton, 4th ed. (Churchill 1940); J. C. B. Grant, An Atlas of Anatomy, 4th ed. (Williams and Wilkins 1956); J. C. B. Grant, A Method of Anatomy, 5th ed. (Williams and Wilkins 1952); E. B. Jamieson, Illustrations of Regional Anatomy, 7th ed. (Livingstone 1947); T. B. Johnston, A Synopsis of

Regional Anatomy, 8th ed. (Churchill 1957); A. Lee McGregor, Synopsis of Surgical Anatomy, 7th ed. (Wright 1950); S. W. Ranson and S. L. Clark, Anatomy of the Nervous System, 9th ed. (Saunders 1953).

INTRODUCTION TO MEDICINE

One hour per week from October. A presentation of selected clinical material, from the standpoint of the basic medical sciences. The sessions are correlated with the lectures given by the Departments of Anatomy, Biochemistry and Physiology, in rotation.

ELECTIVE COURSES

The Department provides, as far as material will permit, facilities for advanced work or revision. The Chairman of the Department should be consulted by anyone wishing to undertake work of this nature.

4. ADVANCED NEURO-ANATOMY

Lecture and laboratory work on two evenings per week from October to December. By arrangement the course is held in the Neurological Institute under the direction of Dr. McNaughton. The class is limited to ten. The course consists of the construction of plasticine models of the brain, based on individual study of the brain and brain stem.

MICROSCOPIC ANATOMY

REQUIRED COURSE

6. HISTOLOGY

The study of the histological structure of the body. Two or three hours lectures and six or nine hours laboratory work per week during the first 28 weeks of the first medical year.

Textbooks: A. W. Ham, Histology, 3rd ed. (Lippincott 1957); A. A. Maximow and W. Bloom, A Textbook of Histology, 7th ed. (Saunders 1957); P. E. Smith and W. M. Coperhaver, Bailey's Textbook of Histology, 13th ed. (Williams and Wilkins 1953).

Additional Reading: E. V. Cowdry, A Textbook of Histology, 4th ed. (Lea and Febiger 1950); E. D. P. DeRobertis, W. W. Nowinski and F. A. Saenz, General Cytology, 2nd ed. (Saunders 1954); R. O. Greep, Histology (Blakiston 1954).

ELECTIVE COURSE

7. EXPERIMENTAL MORPHOLOGY

(a) A seminar on biological problems—1 hour per week.

(b) A practical course on the planning of biological experiments, laboratory animal management and operations, histological and histometrical techniques, tracing methods (Radioisotope measurement

by Geiger counter and localization in tissue section by radioautography), microphotography, statistical methods for assessing data, etc. One hour lecture and 2 hours laboratory per week.

EMBRYOLOGY

REQUIRED COURSE

8. THE STUDY OF HUMAN DEVELOPMENTAL ANATOMY

Two hours per week lecture and two hours per week laboratory work during the second half of the first medical year. Topics emphasized are: early stages of development; the cardio-vascular, respiratory, gastro-intestinal, uro-genital and nervous system; and the fetal membranes. Laboratory work consists of studying selected sections of the 10 mm. pig, a set of models placed on demonstration each week, and a demonstration of live material.

Textbooks: L. B. Arey, Developmental Anatomy, 6th ed. (Saunders 1954); W. J. Hamilton *et al.*, Human Embryology, 2nd ed. (Heffer 1952); Section on Embryology in Cunningham's Textbook of Anatomy. See page 1; Section of Embryology in Gray's Anatomy. See page 1.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Professor	R. W. REED, *Chairman*
Associate Professors	G. G. KALZ
	J. W. STEVENSON
Assistant Professors	FRITZ BLANK
	C. A. BUTAS
	GRACE GIRVIN
	K. F. GIRARD
	C. D. KELLY
	A. M. MASSON
Lecturers	J. A. DE VRIES
	E. MANKIEWICZ
	B. H. MATHESON
	O. MORGANTE
	F. H. PRISSICK
	RAISSA SILOV

All lectures and laboratory courses are given in the Department of Bacteriology, Pathological Institute.

21. MEDICAL BACTERIOLOGY AND IMMUNOLOGY

This course deals with the general principles of medical bacteriology and immunology. The lectures are concerned with the structure and physiology of bacteria, theories of infection and immunity and a systematic

study of the pathogenic bacteria, viruses and rickettsiae. Laboratory work provides experience in the cultivation, isolation and identification of bacteria and opportunity to observe their physiological and immunological properties.

Lectures and laboratory work during the first two trimesters of the Second year.

Textbooks: Wm. Burrows, Textbook of Microbiology, 16th ed. (Saunders 1954); Ernest Jawetz *et al.*, Review of Medical Microbiology, 2nd ed. (Lange 1956); D. T. Smith *et al.*, Zinsser's Bacteriology, 11th ed. (Appleton 1957).

References: R. J. Dubos, Bacterial and Mycotic Infections of Man, 3rd ed. (Lippincott 1958); Sidney Raffel, Immunity (Appleton 1953); A. J. Rhodes and C. E. Van Rooyen, Textbook of Virology, 3rd ed. (Williams and Wilkins 1958); T. M. Rivers, Viral and Rickettsial Infections of Man, 3rd ed. (Lippincott 1958).

42. ADVANCED MICROBIOLOGY

42b. IMMUNOLOGY

44. BACTERIOLOGY READING COURSE AND THESIS

OTHER COURSES

The Department offers facilities for undergraduate and graduate training. See the announcements of the Faculty of Arts and Science and of the Faculty of Graduate Studies and Research.

DEPARTMENT OF BIOCHEMISTRY

Professors	D. L. THOMSON, *Chairman* J. H. QUASTEL
Associate Professors	E. H. CREAMER O. F. DENSTEDT K. A. C. ELLIOTT
Assistant Professors	M. SAFFRAN P. G. SCHOLEFIELD T. L. SOURKES
Sessional Lecturers	ESAU HOSEIN MARGARET PURVIS

FIRST YEAR

BIOCHEMISTRY 1. Mon., Wed., Fri., at 9 a.m. (beginning in October).

1L. Laboratory: Six hours a week October to February *Professor Thomson*

Textbooks: J. S. Fruton and Sofia Simmonds, General Biochemistry, 3rd ed. (Wiley, 1958); H. A. Harper, Review of Physiological Chemistry, 5th ed. (Lange, 1955). A mimeographed syllabus of the laboratory course is issued by the Department.

This course consists of the courses numbered 31, 32 (Endocrinology) and 33 (Nutrition) listed in the Announcement of the Faculty of Arts and Science, which also lists more advanced courses offered by the Department.

INTRODUCTION TO MEDICINE

One hour per week from October. A presentation of selected clinical material, from the standpoint of the basic medical sciences. The sessions are correlated with the lectures given by the Departments of Anatomy, Biochemistry, and Physiology, in rotation.

DEPARTMENT OF HEALTH AND SOCIAL MEDICINE

Strathcona Professor	R. P. Vivian, *Chairman*
Associate Professors	D. S. Fleming
	C. W. MacMillan
Assistant Professors	Marian Bain
	Margaret E. Nix
Lecturers	H. E. Burke
	J. E. de Belle
	F. M. Jones
	H. G. Ross
	W. Storrar
	Milton G. Townsend
	J. G. Turner
	Frederick Wiener
Demonstrators	A. Stewart Allen
	Edith M. Mankiewicz

The Department provides two courses for undergraduates in the Faculty of Medicine—Public Health and Preventive Medicine, and Medical Ethics and Jurisprudence.

The course in Public Health and Preventive Medicine is begun in the autumn term of the Second year and contains, for each student, 40 lectures of 1 hour each and 11 demonstrations or field trips or practice sessions of 2½ hours each, a total time of 67½ hours.

The lectures deal with Epidemiology as a medical science and with the application of epidemiological principles to the study of disease causation

and behaviour. Special emphasis is placed upon the influence of the environment upon health. Nutrition is also dealt with as a problem of ecology. Medical Statistics, including Vital Statistics, deals with census and estimated populations, registration, definition and computation of rates, and with statistical methods and techniques most frequently used in medical work.

Industrial Toxicology. Four lectures on (a) dusts, fumes, smokes, mists, mists, fogs and vapours (b) metal fume fever (c) arsenic, lead and mercury (d) carbon monoxide (e) organic compounds—aliphatic and aromatic hydrocarbons—halogenated, nitro, and amino derivatives (f) organic solvents (g) factors influencing selection of employees (h) early diagnosis of industrial poisoning.

Field trips, demonstrations and practice sessions pertinent to the lecture material are arranged which include visits to a water plant and a provincial laboratory; a discussion period on vital statistics; and audio-visual demonstrations on milk and other foods. Four sessions are held in health education and 3 practice sessions in medical statistics are provided.

A minor examination is held at the end of the Second year.

The second part of the course in Public Health and Preventive Medicine is given in the Third year. This part contains 12 lectures given to the class as a whole at weekly intervals during the autumn term and 24 morning sessions of 2½ hours each, in each of the six week concentration periods provided in the curriculum. The total time for each student in the Third year is 72 hours.

The lectures deal with the prevention and control of tuberculosis, industrial health services, exotic diseases, the principles of education and medical economics.

The concentration periods are designed to provide an outline of the organization and activities of public health services in Canada and the operation of local or municipal public health programs, together with didactic material on the etiology, epidemiology and control of specific infectious diseases with demonstration and practice in the use of immunizing agents. The concentration periods also contain the presentation of didactic material on health supervision policies for particular groups in the community with demonstration and discussion. One session is held on hospital-interne relationships.

A final examination is held at the end of the Third year.

Text and Reference Books: H. R. Leavell and E. G. Clark, Preventive Medicine for the Doctor in his Community, 2nd ed. (McGraw-Hill 1958); H. S. Mustard, Introduction to Public Health, 3rd ed. N.Y. (Macmillan 1953); M. J. Rosenau, Preventive Medicine and Public Health, ed. by K. F. Maxcy, 8th ed. (Appleton 1956).

MEDICAL ETHICS AND JURISPRUDENCE

The course in Medical Ethics and Jurisprudence consists of some 12 lectures, given to the class as a whole, in the spring term of the Second year.

MEDICAL ETHICS AND JURISPRUDENCE

Twelve lectures on (a) legal status of physicians (b) obligation of the doctor to the state (c) professional secrecy—privileged communications (d) responsibility to the patient—implied and expressed contracts (e) physical examinations, surgical operations and consent (f) malpractice—civil, criminal (g) legal procedures—coroner's court, other courts, medical witness (h) medico-legal aspects of death (i) personal identity in its medico-legal bearing (j) blood stains (k) wounds (l) pregnancy (m) abortion (n) infanticide (o) impotency and sterility (p) rape (q) medico-legal aspects of alcoholic intoxication (r) insanity.

Texts and Reference Books: i. *General:* R. J. M. Buchanan, Textbook of Forensic Medicine and Toxicology, 9th ed. (Livingstone 1925); John Glaister, Medical Jurisprudence and Toxicology, 9th ed. (Williams and Wilkins 1953); T. A. Gonzales *et al.*, Legal Medicine, 2nd ed. (Appleton 1954); D. J. A. Kerr, Forensic Medicine, 5th ed. (Black 1954); H. H. Littlejohn, Forensic Medicine (Churchill 1925); R. H. Long, The Physician and the Law (Appleton 1955); W. D. McNally, Toxicology, Chic., (Indus. Medicine 1937); Sydney Smith and F. S. Fiddes, Forensic Medicine, 10th ed. (Churchill 1955); Sydney Smith and John Glaister, Recent Advances in Forensic Medicine, 2nd ed. (Churchill 1939); A. S. Taylor, Principles and Practice of Medical Jurisprudence, vol. 1, ed. by Sydney Smith, 11th ed. (Churchill 1956).

ii. *Industrial Toxicology:* Ethel Browning, Toxicity of Industrial Organic Solvents, 2nd ed. (H.M.S.O. 1953) (G.B. Med. Res. Counc. Indus. Health Res. Bd. Rept. no. 80); Yandell Henderson and H. W. Haggard, Noxious gases, 2nd ed. (Reinhold 1953); Donald Hunter, Industrial Toxicology (Oxford 1944).

HISTORY OF MEDICINE

Professor LLOYD G. STEVENSON

REQUIRED COURSES

1. INTRODUCTORY COURSE (First year)

   A series of 8 lectures given during the first month of the medical course to provide an historical orientation to the student entering upon the study of medicine.

2. HISTORY OF MEDICINE (Fourth year).

   A series of 24 lectures providing a chronological survey of the history of medicine and a consideration of the history of some major diseases. A weekly lecture during Fall and Winter terms.

DEPARTMENT OF INVESTIGATIVE MEDICINE

Professor — J. S. L. Browne, *Chairman*

Lecturers — Inge Dyrenfurth
C. J. P. Giroud
N. Kalant

The Department offers courses leading to the degrees of M.Sc. and Ph.D. in the Faculty of Graduate Studies and Research and provides research facilities for these students or for other persons proceeding to graduate degrees, diplomas or for other qualified individuals. The Department is also prepared to make arrangements to offer elective courses for Medical undergraduate students.

The courses and the direction of research in this department are given in close collaboration with the Department of Experimental Medicine and members of either department give lectures and direct the research of graduate students registered in the other.

Students may work either in the Medical Building or in one of a number of hospitals depending on the type of work done (clinical or laboratory) or upon the individual directing the research. Part of the function of the department is the correlation of clinical investigation being done at various hospitals.

Students holding either the M.D. or B.Sc. degree or its equivalent may enter the department provided that their standing is acceptable. For the list of courses and further details see the Calendar of the Faculty of Graduate Studies and Research.

DEPARTMENT OF MEDICINE

Professors — Ronald V. Christie, *Chairman*
D. G. Cameron

Associate Professors

D. V. Bates
J. C. Beck
E. H. Bensley
Neil Feeney
C. W. Fullerton
W. H. P. Hill
M. M. Hoffmann
J. G. Howlett
Louis Lowenstein
J. F. McIntosh
H. S. Mitchell
Bram Rose

Assistant Professors

L. J. Adams
W. Bauld
R. C. Bennetts
F. M. Bourne
H. E. Burke
G. A. Copping
G. W. Halpenny
L. G. Johnson
W. R. Kennedy
K. R. Mackenzie
J. F. Meakins
Ian Milne
C. J. Pattee
H. N. Segall
F. M. Smith
A. T. Thom
S. R. Townsend
R. V. Ward

Lecturers

Michael Aronovitch
C. M. Ballem
C. S. Barker
R. G. Baxter
J. O. W. Brabander
Lauder Brunton
R. A. Cleghorn
H. I. Cramer
P. A. Edwards
A. F. Fowler
Allen Gold
Alec Gordon
R. G. M. Harbert
Cicil Harris
A. W. Lapin
W. Leith
B. A. Levitan
A. D. MacDonald
D. J. MacIntosh
Lester McCallum
Eleanor McGarry
R. D. McKenna
C. J. Malloy
J. A. P. Pare
R. E. G. Place
J. S. Polson
T. L. Quintin
E. A. S. Reid
Lorne Shapiro
Murray Stalker
P. G. Weil
G. E. Wight

Demonstrators

Eva Arendt
David Barza
T. A. Brown
Lloyd Caswell
Parker Chesney
William Cohen
S. R. Cooper
Basil Cuddihy
J. H. Darragh
N. M. K. deLeeuw
J. B. Dossetor
S. Eidinger
T. R. Hale
G. E. Joron
W. A. R. Laing
C. C. Macdonald
Melvin McQuitty
D. M. Marcus
John Martin
Alexander Miller
R. O. Morgen
Myron Notkin
Bernard Pollak
Jack H. Rubin
C. H. Stacey
R. L. Stanford
David Stubington
Joseph Wener
D. H. Woodhouse
J. G. G. Young

THERAPEUTICS

Associate Professors
C. W. Fullerton — J. G. Howlett

Lecturers
G. H. Fisk — A. Miller
B. A. Levitan

DERMATOLOGY

Associate Professors — L. P. Ereaux, R. R. Forsey

Assistant Professors — G. E. Craig, Frederick Kalz, B. D. Usher

Demonstrators — M. S. Cohen, Paula Schopflocher, P. P. Telner

EXPERIMENTAL MEDICINE

Associate Professor — Eleanor H. Venning

Assistant Professor — A. Sehon

N.B. See Postgraduate Faculty Calendar.

THE CURRICULUM IN THE DEPARTMENT OF MEDICINE

FOREWORD

The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease, to afford a knowledge of the technique, and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students, teachers, and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training. The importance of regarding the patient as a person is emphasized throughout.

Unusual facilities are afforded at the Royal Victoria Hospital and at the Montreal General Hospital where there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The University lectures and Theatre Clinics are open to students of all years. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

REQUIRED COURSES

SECOND YEAR

COURSE II 1—INTEGRATION OF PHYSIOLOGY, BIOCHEMISTRY, AND ANATOMY WITH MEDICINE

Time—Last two terms of Second year: one lecture or clinic a week in the second term—two lectures a week and one amphitheatre clinic in the third term.

Place—Medical Building. Montreal Neurological Institute Theatre.

Subject Material—This course covers in a systematic manner the deviations from the normal of the physiological and biochemical functions. These are correlated so as to explain symptoms and signs which may be found on physical examination as detected by clinical methods dealt with in Course II 2. This course is so interpreted as to give the student a panoramic view of these disturbances with a proper perspective.

COURSE II 2—A PRACTICAL COURSE IN CLINICAL METHODS

Time—Second and third terms of Second year.

Place—Outpatient Departments of the Royal Victoria, Montreal General, and Queen Mary Veterans Hospitals.

Subject—Practical instruction 4 hours a week on Normal and Abnormal Physical Signs and one amphitheatre clinic, the latter at the Montreal General Hospital.

COURSE II 3—LABORATORY DIAGNOSIS

Time—Last term of Second year.

Place—Medical Building.

Subject—Instruction and practice 2 periods a week in microscopy as applied to clinical medicine. *Professor McIntosh and Assistants*

THIRD YEAR

COURSE III 4—AMPHITHEATRE CLINICS IN GENERAL MEDICINE

Time—Once weekly throughout year.

Place—Alternately at the Royal Victoria and the Montreal General Hospitals.

Subject—Demonstration and discussion of cases illustrating certain disease processes.

COURSE III 5—BEDSIDE CLINICS AND PRACTICAL DEMONSTRATIONS

Time—Twice weekly during the medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE III 6—CLINICO-PATHOLOGICAL CONFERENCE

Time—Weekly during the medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE III 7—CASE REPORTING

During the trimester in Medicine students will be assigned patients in the wards. They will be required to write case histories, make a general examination, note progress, and do such laboratory investigations as are within their scope and have access to all other Laboratory and X-Ray findings. Teaching Fellows will be available to assist students in this work.

COURSE III 8—A PRACTICAL COURSE IN DISEASES OF METABOLISM AND ENDOCRINOLOGY

Time—Weekly during the medical term

Place—The Royal Victoria and the Montreal General Hospitals.

Subject—This course consists of weekly Ward Rounds in the two Hospitals.

COURSE III 9—THERAPEUTICS

A course of 20 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available.

In addition to the above courses General Ward Rounds are held once a week at each Hospital for students reporting in Medicine.

FOURTH YEAR

COURSE IV 10—AMPHITHEATRE CLINICS IN GENERAL MEDICINE

Time—Once a week throughout the year.

Place—Alternately at the Royal Victoria and Montreal General Hospitals.

Subject—Demonstration and discussion of cases illustrating more complicated cases as compared to the Third year.

COURSE IV 11—BEDSIDE CLINICS AND PRACTICAL DEMONSTRATION

Time—Twice weekly during the medical term.

Place—Wards of the Royal Victoria and the Montreal General Hospitals.

COURSE IV 12—CLINICAL PATHOLOGICAL CONFERENCE

Time—Once a week during the medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE IV 13—CLINICAL THERAPEUTICS—PRACTICAL BEDSIDE INSTRUCTION

Time—Once a week during the medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE IV 14—A COURSE OF LECTURES IN MEDICINE

Time—One period a week throughout the year.

Place—Medical Building.

Subject—Lectures in General Medicine to give a panorama of the subject.

COURSE IV 15—A COURSE OF 14 LECTURES IN DERMATOLOGY AND SYPHILOLOGY

Place—Medical Building.

COURSE IV 16—DERMATOLOGY AND SYPHILOLOGY—PRACTICAL INSTRUCTION

Time—Twice a week during one term.

Place—The Montreal General and Royal Victorial Hospitals.

COURSE IV 17—THERAPEUTICS

Eight theatre clinics to be given in the Teaching Hospitals during the course of the year. Therapeutic aspects will be correlated with other aspects of disease.

COURSE IV 18—CASE REPORTING

As in Third year during the medical term. Students will be expected to devote much of their time during the medical term observing on the wards or outdoor of the Teaching Hospital to which they are assigned, writing case reports, and following the progress of their cases with care. Teaching Fellows will be available to assist students in this work.

Place—Wards and Outdoor of the Royal Victoria and Montreal General Hospitals.

An effort is made to enable the student in the Fourth year to take an active part in the care of the patient, both in the wards and in the Out-door Clinics.

TEXT AND REFERENCE BOOKS

The following books have been classified under general headings and are merely suggestions from which the student may choose according to his own needs. The list is not intended to be exclusive; there are other text books which the student may prefer. The list of reference books is given for information.

Clinical and Laboratory Methods and Physical Diagnosis: R. C. Cabot and F. D. Adams, Physical Diagnosis, 13th ed. (Wood 1942); R. B. H. Gradwohl, Clinical Laboratory Methods and Diagnosis, 5th ed. (Mosby 1956); T. H. Ham, ed., A Syllabus of Laboratory Examination in Clinical Diagnosis (Harvard Univ. Pr. 1952); Robt. Hutchison and Donald Hunter, Clinical Methods, 12th ed. (Lippincott 1949); S. S. Leopold, The Principles and Methods of Physical Diagnosis, 2nd ed. (Saunders 1957); McGill University, Dept. of Medicine, Guide to Medical Case Reporting, 2nd ed., 1943; R. H. Major and M. H. Delp, Physical Diagnosis, 5th ed. (Saunders 1956); J. C. Todd *et al.*, Clinical Diagnosis by Laboratory Methods, 12th ed. (Saunders 1953); Harry Walker, Physical Diagnosis (Mosby 1952).

Physio-Pathology: C. H. Best and N. B. Taylor. The Physiological Basis of Medicine, 6th ed. (Williams and Wilkins 1955); Meyer Bodansky and Oscar Bodansky, Biochemistry of Disease, 2nd ed. N.Y. (Macmillan 1952); Abraham Cantarow and Max. Trumper, Clinical Biochemistry, 5th ed. (Saunders 1955); C. H. Gray, Clinical Chemical Pathology (Williams and Wilkins 1953); J. P. Peters and D. D. Van Slyke, Quantitative Clinical Chemistry, vol. 1: Interpretations, 2nd ed. (Williams and Wilkins 1946); W. A. Sodeman, Pathologic Physiology, 2nd ed. (Saunders 1956); Samson Wright, Applied Physiology, 9th ed. (Oxford 1952).

General Medicine: R. L. Cecil and R. F. Loeb, Textbook of Medicine, 9th ed. (Saunders 1955); J. J. Conybeare and W. N. Mann, Textbook of Medicine, 12th ed. (Livingstone 1957); T. R. Harrison, Principles of Internal Medicine, 2nd ed. (Blakiston 1954); J. C. Meakins, Practice of Medicine, 5th ed. (Mosby 1956); W. M. Yater, Fundamentals of Internal Medicine, 4th ed. (Appleton 1954).

Differential Diagnosis: W. M. Barton and W. M. Yater, Symptom Diagnosis, 4th ed. (Appleton 1942); T. D. Savill, System of Clinical Medicine, 12th ed. (Williams and Wilkins 1944).

Dermatology and Syphilology: R. W. MacKenna, Diseases of the Skin by R. M. B. MacKenna, 5th ed. (Williams and Wilkins 1952); Norman Tobias, Essentials of Dermatology, 5th ed. (Lippincott 1956); Norman Walker and G. H. Percival, Introduction to Dermatology, 12th ed. (Livingstone 1956).

Miscellaneous Reference Books: G. G. Duncan, Diseases of Metabolism, 3rd ed. (Saunders 1952); C. K. Friedberg, Diseases of the Heart, 2nd ed. (Saunders 1956); E. P. Joslin, Diabetic Manual for the Doctor and Patient, 9th ed. (Lea and Febiger 1953); J. S. McLester and W. J. Darby, Nutrition and Diet in Health and Disease, 7th ed. (Saunders 1958); O. S. Ormsby and Hamilton Montgomery, Diseases of the Skin, 8th ed. (Lea and Febiger 1954); E. H. Rubin, Diseases of the Chest (Saunders 1947); Samuel Soskin, Progress in Clinical Endocrinology (Grune 1950); R. L. Sutton and R. L. Sutton, Diseases of the Skin, 11th ed. (Mosby 1956); H. B. Taussig, Congenital Malformations of the Heart (Oxford 1948); L. E. H. Whitby and C. J. C. Britton, Disorders of the Blood, 7th ed. (Churchill 1953); M. M. Wintrobe, Clinical Hematology, 4th ed. (Lea and Febiger 1956).

DEPARTMENT OF NEUROLOGY AND NEUROSURGERY

Chairman	WILDER PENFIELD
Professor of Neurology and Neurosurgery	THEODORE RASMUSSEN
Professor of Neurosurgery	WILLIAM CONE
Professor of Experimental Neurology	HERBERT JASPER
Associate Professor of Neurology	FRANCIS MCNAUGHTON
Associate Professor of Experimental Neurology	K. A. C. ELLIOTT
Associate Professor of Neurological Radiology	DONALD MCRAE
Assistant Professors of Neurology	J. B. R. COSGROVE D. L. LLOYD SMITH PRESTON ROBB W. F. T. TATLOW A. W. YOUNG
Assistant Professors of Neurosurgery	HAROLD ELLIOTT ARTHUR ELVIDGE
Assistant Professor of Experimental Neurology	PIERRE GLOOR
Lecturers in Neurology	BERNARD GRAHAM D. E. HOWELL REUBEN RABINOVITCH
Lecturers in Neurosurgery	GILLES BERTRAND LAMAR ROBERTS
Lecturer in Experimental Neurology	HANNA PAPPIUS
Lecturer in Clinical Psychology	BRENDA MILNER
Demonstrator in Neurology	IRVING HELLER

Demonstrators in Neurosurgery — Rankin Hay, Warren Sights

Demonstrator in Neuropathology — Gordon Thompson

Demonstrator in Electroencephalography — Lewis Henderson

Fellows of the Montreal Neurological Institute:

J. Antonio Aguilar
Mary Jane Aguilar
Frederick Andermann
Emil Berger
David Bloom
John Blundell
Charles Branch
William A. Bryans
Mary Jane Fina
Armand Fortin
Shirley Fyles
Daniel Gonzalez
Salvator Gonzalez
D. R. Gulati
Jan Gybels
Gabriel Horn
A. Maxwell House
Kenneth Kapphahn
Ellis B. Keener
John C. Kennady
Katsutashi Kitamura
Richard Lende
Mary Morrow
Allan Morton
Enrique Ramon Moliner
Phanor L. Perot
Siteshendra Nath Ray
Hugh Samson
Antone Tarazi
Gordon Thompson
Danica Vanecek
Cristian Vera
Shinjiro Yamamoto

SECOND YEAR

2A ANATOMY AND PHYSIOLOGY OF THE CENTRAL NERVOUS SYSTEM (Anatomy 2 and Physiology 2). Two hours lecture, two hours laboratory and one hour demonstration per week, during the first term.

This is one course, given by the Departments of Anatomy, Neurology and Neurosurgery, and Physiology.
Professors McNaughton, Burns and Jasper

2B NEUROLOGICAL ASPECTS OF PHYSIOPATHOLOGY. 2 lectures. Department of Medicine, Course II, 1. *Professor Rasmussen*

2C NEUROLOGICAL EXAMINATION OF THE NERVOUS SYSTEM. 2 theatre clinics. M.G.H. Department of Medicine. *Dr. Tatlow*

THIRD YEAR

3A SURVEY OF NEUROLOGY AND NEUROSURGERY. 23 lectures. Saturdays, 8:45 to 9:40. M.N.I. Amphitheatre.
Professors Rasmussen, McNaughton and staff

FOURTH YEAR

4A NEUROLOGICAL AND NEUROSURGICAL CLINICS. 19 lecture clinics. Saturdays, 10:00 to 11:00. M.N.I. Amphitheatre.
Professors Cone, Robb and staff

4B-1 CLINICAL DEMONSTRATIONS. R.V.H. Outpatient Department. Monday and Thursday*, 2:00 to 3:00. *Professor McNaughton and Assistants*

4C-1 NEUROLOGY WARD CLASSES. Wednesdays, 8:45 to 9:45 a.m. M.N.I. (R.V.H. group) *Professor McNaughton and Assistants*

4B-2 and 4C-2 CLINICAL DEMONSTRATIONS. M.G.H. Outpatient Department. Mondays and Fridays, 2:00 to 3:00. *Dr. Tatlow and Assistants*

4D-1 NEUROSURGERY WARD CLASSES. M.N.I. (R.V.H. group) Mondays, 1:00 to 2:00. *Professor Cone and Assistants*

4D-2 NEUROSURGERY WARD CLASSES. M.N.I. (M.G.H. group) Thursdays, 1:00 to 2:00. *Professor Elvidge and Assistants*

4E-1 NEUROLOGY SEMINAR. Wednesdays, 2:00 to 3:00. M.N.I. (M.G.H. group) *Professor McNaughton and Assistants*

4E-2 NEUROLOGY SEMINAR. M.G.H. Outpatient Department. Fridays, 3:00 to 4:00. (M.G.H. group) *Dr. Tatlow and Assistants*

Fourth year students in Medicine at the Royal Victoria Hospital are assigned some neurological cases in the Montreal Neurological Institute for case reporting.

ELECTIVE COURSES

A. SEMINAR IN NEUROANATOMY, M.N.I.

1. This course in given in combination with course Med. 2A "Anatomy and Physiology of the Central Nervous System"—September to end of November.

   Additional graduate seminars will be held co-ordinated with Course B.

   Graduate students are expected to pass the same examination which is given in undergraduate course Med. 2A, but with higher standing, and to act as demonstrators. *Professor McNaughton*

2. Advanced Neuroanatomy for selected group; brain modelling; times to be arranged. *Professor McNaughton*

B. SEMINAR IN NEUROPHYSIOLOGY.

This course is given in two parts, (1) lectures and examination together with undergraduate course Med. 2A "Anatomy and Physiology of the Central Nervous System" and (2) weekly seminars and demonstrations co-ordinated with Course A (4 months, beginning in December). Mondays, 4:30 to 6:00 p.m. *Professor Jasper*

*Two Thursdays per month only.

C. COLLOQUIUM IN CLINICAL NEUROLOGY.

1 hour weekly, clinics and lectures, Wednesdays, 5:00 p.m. M.N.I. (9 months). *Staff and Visiting Lecturers*

D. SEIZURE MECHANISMS AND CEREBRAL LOCALIZATION: CLINICAL ELECTROENCEPHALOGRAPHIC, AND ROENTGENOGRAPHIC CONFERENCE.

M.N.I. 1½ hours weekly (9 months). Tuesdays, 4:30 to 6:00 p.m.
Professors Penfield, Rasmussen, Jasper, McNaughton and McRae

E. OUTLINE OF NEUROCHEMISTRY.

Lectures and demonstrations, M.N.I. (2 months, beginning in April). Mondays, 4:30 to 6:00 p.m. *Professor Elliott*

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

Professor — G. B. MAUGHAN, *Chairman*

Associate Professor — C. V. WARD

Assistant Professors
W. R. FOOTE
J. P. A. LATOUR
K. T. MACFARLANE
THOMAS PRIMROSE
G. A. SIMPSON
D. W. SPARLING
G. J. STREAN

Lecturers
MYER HENDELMAN
J. L. MACARTHUR
J. H. ROUTLEDGE
F. J. TWEEDIE

Demonstrators
P. R. BLAHEY
H. B. BOURNE
J. R. DODDS
GRADE DONNELLY
SIMON GOLD
J. S. HENRY
E. A. MACCALLUM
HARRY OXORN
JOSEPH PORTNUFF
M. H. V. YOUNG

The course is arranged to impart a practical knowledge of Obstetrics, Gynaecology, and the Care of the New-born. The value of close observation of the patient in the normal and the abnormal state is stressed.

The privilege of serving as an interne in the hospital for two weeks, treating the patients from the time of admission till discharge from hospital, is an ideal arrangement. Rooms are provided in the Women's Pavilion where the students may reside, in groups of five, during this period. Individual instruction is given by the Staff.

REQUIRED COURSES

SECOND YEAR—

Twelve lectures are given as an introduction to the subject. These lectures are on the anatomy and physiology of the genital tract. The physiology of pregnancy is also described.

Professor Maughan

THIRD YEAR—

OBSTETRICS

1. Twenty-eight lectures to teach the fundamentals of pregnancy, labour, and the puerperium. *Senior members of the Staff*

2. Eighteen demonstrations of obstetrical palpation and manikin instruction to illustrate the diagnosis and management of normal and abnormal presentations. *Members of Staff*

3. Six clinics in the caseroom or wards to teach the care of the patient in the hospital. *Members of Staff*

4. Six seminars on principles and theory of obstetrics. *Members of Staff*

5. Six classes to demonstrate the care of the newborn. *Professor Aubrey K. Geddes and Assistants*

GYNAECOLOGY

1. Five lectures to describe the more common gynaecological diseases. *Professor Ward and Assistants*

2. Thirty-six demonstrations or lectures at the bedside or in the outpatient department, to demonstrate the diagnosis and treatment of gynaecological disorders. *Professor Ward and Assistants*

FOURTH YEAR—

OBSTETRICS

1. Thirty-four clinical demonstrations to illustrate the management of obstetrical complications. *Professor Maughan*

2. Group ward rounds once a week to present the current interesting cases. *Professor Maughan and Dr. Primrose*

3. Twenty-four hours in bedside clinics and the caseroom to teach the management of the obstetrical patient. *Senior members of the Staff*

4. Facilities are presented for attending sixteen antenatal clinics. *Members of the Staff*

5. Four hours of Manikin instruction. *Members of the Staff*

6. Four lectures on Newborn Paediatrics together with eight demonstrations in the nurseries. *Professor A. K. Geddes and Assistants*

GYNAECOLOGY

1. Twelve bedside clinics to be given in the gynaecology wards.
Senior members of the Staff

2. Eight lecture-demonstrations in Gynaecological Pathology.
Dr. Latour and Assistants

3. Four hours of clinical instruction are given on the diagnosis and treatment of genital cancer.
Dr. Latour

4. Facilities are extended for attending sixteen gynaecology outpatient clinics.
Members of the Staff

5. Four revision seminars on Clinical Endocrinology.
Members of the Staff

Obstetrics Text and Reference Books: A. C. Beck and A. H. Rosenthal, Obstetrical Practice, 6th ed. (Williams and Wilkins 1955); J. B. De Lee, and J. P. Greenhill, Obstetrics, 11th ed. (Saunders 1955); G. F. Gibberd, A Short Textbook of Midwifery, 6th ed. (Churchill 1955); J. W. Williams, and N. J. Eastman, Obstetrics, 11th ed. (Appleton 1956).

Gynaecology Text and Reference Books: A. H. Curtis and J. W. Huffman, Textbook of Gynecology, 6th ed. (Saunders 1950); Diseases of Women by Ten Teachers, ed. by R. W. Roques, 9th ed. (Williams and Wilkins 1953); Emil Novak and E. R. Novak, Textbook of Gynecology, 5th ed. (Williams and Wilkins 1956); Wilfred Shaw and John Howkins, Textbook of Gynaecology, 7th ed. (Churchill 1956).

DEPARTMENT OF OPHTHALMOLOGY

Professor	JOHN C. LOCKE, *Chairman*
Associate Professor	BENJAMIN ALEXANDER
Assistant Professors	J. V. V. NICHOLLS R. J. VIGER
Lecturers	S. T. ADAMS L. S. S. KIRSCHBERG WILLIAM TURNBULL
Demonstrators	R. A. BOURNE J. B. CONROY HUGH DUNCAN SEAN B. MURPHY R. W. PEARMAN R. B. RAMSAY

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses in the Third and Fourth years of the Medical course:

THIRD YEAR

1. ROUTINE EXAMINATION OF THE EYE

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours.

2. LECTURES TO ENTIRE CLASS

This course covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential information for the clinical work of the final year.

Eleven hours.

FOURTH YEAR

CLINICAL OPHTHALMOLOGY

This teaching is conducted in the Ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals. The class is divided into groups of seven, each group receiving twenty hours instruction. Ocular problems that are of greatest moment in general practice are discussed. This includes the external diseases of the eye, the main ophthalmological findings in systemic disorders, affections of the nervous system, and as far as possible a co-relation of the clinical and histological ocular changes.

Textbooks: S. R. Gifford and F. H. Adler, Textbook of Ophthalmology, 6th ed. (Saunders 1957); May and Worth's Manual of Diseases of the Eye, 11th ed. (Bailliere 1954); Eugene Wolff, Anatomy of the Eye and Orbit (Blakiston 1954); Eugene Wolff, Pathology of the Eye, 2nd ed. (Blakiston 1945).

Reference Books: W. S. Duke-Elder, Textbook of Ophthalmology (Mosby 1932-54) 7 vols.

DEPARTMENT OF OTO-LARYNGOLOGY

Professor	W. J. McNALLY, *Chairman*
Assistant Professor	E. E. SCHARFE
Lecturers	H. E. McHUGH F. W. SHAVER E. A. STUART
Demonstrators	J. D. BAXTER ARNOLD GROSSMAN R. W. HYDE G. T. SHIMO E. JOHN SMITH

Instruction in Oto-Laryngology is given to students of the Third and Fourth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Medical motion pictures are used as a supplement to the class-room lecture and clinical demonstration.

THIRD YEAR

A course of 6 demonstrations is given to students of the Third year. These demonstrations deal with the normal anatomy of the ear, nose, and throat, and with methods of examination. The students are required to examine the patients and recognize the normal and common pathological conditions of the ear, nose, and throat. Ward rounds are made to illustrate the pre- and post-operative methods of treatment.

Lecture Course:

Twelve practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the oesophagus.

FOURTH YEAR

Sixteen clinical demonstrations are given in the out-patient departments and wards of the hospitals. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text and Reference Books: H. C. Ballenger and J. J. Ballenger, A Manual of Otology, Rhinology and Laryngology, 4th ed. (Lea and Febiger 1954); L. R. Boies, Fundamentals of Otolaryngology, 2nd ed. (Saunders 1954); Chevalier Jackson and C. L. Jackson, Bronchoesophagology (Saunders 1950); Chevalier Jackson and C. L. Jackson, Diseases of the Nose, Throat and Ear, 2nd ed. (Saunders 1957); W. W. Morrison, Diseases of the Ear, Nose and Throat, 2nd ed. (Appleton 1955); St. Clair Thomas and V. E. Negus, Diseases of the Nose and Throat, 6th ed. (Cassell 1955); A. Logan Turner, Diseases of the Nose, Throat and Ear, 5th ed. (Wright 1952); T. G. Wilson, Diseases of the Ear, Nose and Throat in Children (Heinemann 1955); G. D. Wolf, Ear, Nose and Throat (Lippincott 1947).

DEPARTMENT OF PAEDIATRICS

Professor	ALAN ROSS, *Chairman*
Associate Professors	R. L. DENTON
	A. K. GEDDES
	E. M. WORDEN
Assistant Professors	A. L. JOHNSON
	P. N. MACDERMOT
Lecturers	H. L. BACAL
	BEN BENJAMIN
Demonstrators	HELEN BRICKMAN
	J. S. CHARTERS
	D. K. CLOGG
	T. A. COWAN
	S. I. DOUBILET
	F. CLARK FRASER
	J. E. GIBBONS
	R. B. GOLDBLOOM
	VICTOR C. GOLDBLOOM
	R. GOURDEAU
	ELEANOR HARPUR
	D. A. HILLMAN
	DAVID KLEIN

FRANCES MCCALL
D. R. MCCRIMMON
G. H. NICKERSON
J. H. O'NEILL
SYDNEY PEDVIS
PIERRE SENECAL
FREDERICK SHIPPAM
HYMAN SURCHIN
W. W. TIDMARSH
S. J. USHER
ISOBEL WRIGHT

Teaching Fellow H. R. BRODIE

REQUIRED COURSES

LECTURES

1. (a) CHILD DEVELOPMENT AND HUMAN RELATIONSHIPS

In the course of fourteen periods with the First year class, a child psychiatrist and a pediatrician collaborate at each session in presenting various aspects of child development from the prenatal period to adolescence. With the aid of patients and appropriate films, human relations and their development are discussed from the broadest possible point of view.

(b) An introductory course of 12 lectures in the winter term of the Second year covering physical and mental development of the infant and child, the bases of nutritional requirements of the growing child, mineral and water metabolism, the embryology of congenital defects.

(c) A series of 36 lectures once weekly during the Third year designed to cover the various aspects of Diseases of Children; Nutrition, Hygiene, Infections and Communicable Diseases, Preventive Medicine, etc. *Staff*

2. DISEASES OF THE NEWBORN: ROYAL VICTORIA MONTREAL MATERNITY HOSPITAL

(a) A weekly clinic demonstration to groups of students of the Third year during their obstetrical quarter.

(b) A weekly lecture to groups of Fourth year students during their four weeks in Obstetrics.

(c) A bi-weekly demonstration in the nurseries to the group of Fourth year students in residence during their four weeks in Obstetrics.

Professor Geddes and Staff

3. CLINICAL PAEDIATRICS

(a) During the Third year the class is divided into groups, each group devoting the mornings of six weeks to clinical instruction at the Montreal Children's Hospital in the out-patient department.

(b) Groups during the final year spend four weeks entirely at the Montreal Children's Hospital as clinical clerks and taking part in bedside clinical conferences. *Staff*

(c) Care and feeding of the normal infant, immunization procedure, preventive paediatrics; Child Health clinics. *Staff*

(d) Infectious Diseases.

A series of demonstrations to groups of students on the common infectious diseases is given at the Alexandra Hospital as part of the instruction of the final year. *Professor Worden*

Textbooks: L. E. Holt, Jr. and Rustin McIntosh, Holt Pediatrics, 12th ed (Appleton 1953); W. E. Nelson, Textbook of Pediatrics, 6th ed. (Saunders 1954); D. H. Paterson and J. F. McCreary, Pediatrics (Lippincott 1956).

Reference Books: J. P. Caffey, Pediatric X-ray Diagnosis, 3rd ed. (Year Bk. Pubs. 1956); A. G. DeSanctis and Chas. Varga, Handbook of Pediatric Medical Emergencies, 2nd ed. (Mosby 1956); J. L. Gamble, Chemical Anatomy, Physiology and Pathology of Extracellular Fluid (Harvard Univ. Pr. 1954); A. L. Gesell, The Embryology of Behavior, the Beginnings of the Human Mind (Harper 1945); Morris Green and J. B. Richmond, Pediatric Diagnosis (Saunders 1954); Leo Kanner, Child Psychiatry, 3nd ed. (Thomas 1957); J. D. Keith, R. D. Rowe and Peter Vlad, Heart Disease in Infancy and Childhood, N.Y. (Macmillan 1958); C. A. Smith, The Physiology of the Newborn Infant, 2nd ed. (Thomas 1951); Lawson Wilkins, Diagnosis and Treatment of Endocrine Disorders in Childhood and Adolescence, 2nd ed. (Thomas 1957).

DEPARTMENT OF PARASITOLOGY

Professor T. W. M. CAMERON, *Chairman*

Associate Professor _____

Assistant Professors _____

Lecturer _____

REQUIRED COURSES

SECOND YEAR

2A. HUMAN PARASITOLOGY

This course on the animal parasites of man (protozoa, helminths, and arthropods) comprises about 50 hours of instruction. Special attention is given to parasites found in North America, their diagnosis, bionomics, and pathogenesis as well as to the more important animal vectors of disease. Exotic forms are more briefly discussed. In the practical class, each student examines all the important species as well as the lesions caused by them.

First term—Two lectures and one laboratory period per week.

ELECTIVE COURSES

The Department not only provides facilities for advanced research work at the Institute of Parasitology, but offers didactic courses in general and comparative parasitology and courses leading to the degrees of M.Sc., and Ph.D. (See Announcement of the Faculty of Graduate Studies and Research.)

Textbook: T. W. M. Cameron, The Parasites of Man in Temperate Climates, 2nd ed. (Univ. of Toronto Pr. 1956).

DEPARTMENT OF PATHOLOGY

Strathcona Professor	G. C. McMillan, *Chairman*
Associate Professors	J. E. Pritchard A. C. Ritchie, Jr.
Assistant Professors	W. H. Mathews W. Pirozynski F. W. Wiglesworth
Lecturers	G. Mathieson Sean Moore Paula H. Schopflocher
Sessional Lecturer	D. S. Kahn
Demonstrators	_____ _____
Sessional Demonstrator	M. A. Simon
Clinical Fellow	S. Ritchie

REQUIRED COURSES

1. COURSE IN GENERAL PATHOLOGY (SECOND YEAR)

A. Lectures with epidiascopic and microscopic demonstrations during the Autumn and Winter terms totalling 60 hours.

Professors McMillan and Ritchie

B. Practical laboratory classes during the Autumn and Winter terms totalling 72 hours.

Professor Pirozynski with Demonstrators

2. COURSE IN SPECIAL PATHOLOGY (SECOND AND THIRD YEARS)

A. Lectures during the Spring term of Second year and throughout the third year totalling 96 hours.

Professor McMillan and Staff

B. Two practical laboratory classes per week during the Winter and Spring terms of the Third year totalling 96 hours.

Staff and Demonstrators

C. One demonstration of gross pathological material per week to students in small groups throughout the Third year totalling 36 hours.

Lecturers and Demonstrators

3. COURSE IN APPLIED PATHOLOGY (THIRD AND FOURTH YEARS)

A. Pathological Conferences with demonstrations of current autopsy material. Once a week during the Autumn, Winter, and Spring terms (54 hours).

Professor McMillan

B. Group instruction in performance of autopsies with demonstrations of autopsy findings, during Autumn, Winter, and Spring terms. Time according to material.

Pathological Institute — *Professor Pirozynski*
Montreal General Hospital — *Professors Pritchard and Mathews*
Montreal Children's Hospital — *Professor Wiglesworth*

Textbooks: W. A. D. Anderson, Pathology, 3rd ed. (Mosby 1957); Wm. Boyd, A Textbook of Pathology, 6th ed. (Lea and Febiger 1953); H. T. Karsner, Human Pathology, 8th ed. (Lippincott 1955); R. A. Moore, Textbook of Pathology, 2nd ed. (Saunders 1951); G. P. Wright, Introduction to Pathology, 2nd ed. (Longmans 1954).

Reference Books:

General: Wm. Boyd, Pathology for the Surgeon, 7th ed. (Saunders 1955); Wm. Boyd, Pathology of Internal Diseases, 5th ed. (Lea and Febiger 1950); W. D. Forbus, Reaction to Injury (Williams and Wilkins

1943-52), 2 vols.; R. F. Ogilvie, Pathological Histology, 5th ed. (Livingstone 1957); R. A. Willis, Pathology of Tumours, 2nd ed. (Butterworth 1953).

Special: G. D. Lumb, Tumours of Lymphoid Tissue (Livingston 1954); J. H. Biggart, Pathology of the Nervous System, 2nd ed. (Livingstone 1949); W. J. Freeman, Neuropathology (Saunders 1933); Emil Novak, Gynecologic and Obstetrical Pathology, 3rd ed. (Saunders 1952); Sidney Farber, Portmortem Examination (Thomas 1937); Otto Saphir, Autopsy Diagnosis and Technic, 3rd ed. (Hoeber 1951).

DEPARTMENT OF PHARMACOLOGY

Professor	K. I. MELVILLE, *Chairman*
Associate Professor	D. R. WOOD
Assistant Professor	B. G. BENFEY
Lecturer	
Teaching Fellow	N. R. EADE
Demonstrator	H. E. SHISTER

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

REQUIRED COURSES

1A. PHARMACOLOGY

The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.

Two lectures a week during the Autumn and Winter terms. Second year.

1B. PHARMACOLOGICAL LABORATORY

The experiments are chosen to illustrate the lecture course.

One period (three hours) a week during the Autumn and Winter terms.

CONFERENCES

During the year four conferences of 45 minutes each and limited to six students, will be arranged. These conferences will replace the regular laboratory periods at the times specified.

LECTURE-DEMONSTRATIONS

In conjunction with the Department of Medicine (Therapeutics) a series of six (6) one hour lecture-demonstrations is held in the Teaching Hospitals during the course. These are designed to present selected clinical cases illustrating practical applications of drug usage.

2. TOXICOLOGY

A course of ten lectures devoted to the problems of *acute poisoning* (occurrence, symptoms, modifying factors, diagnosis and treatment), is given during the 3rd term of the Second year.

Textbooks: Harry Beckman, Drugs, their Nature, Action and Use (Saunders 1958); A. J. Clark, Applied Pharmacology, 8th ed., rev. by Andrew Wilson and H. O. Schild (Churchill 1952); V. A. Drill, Pharmacology in Medicine, 2nd ed. (McGraw-Hill 1958); L. S. Goodman and A. Z. Gilman, Pharmacological Basis of Therapeutics, 2nd ed. (Macmillan 1955); J. C. Krantz and C. J. Carr, Pharmacologic Principles of Medical Practice, 3rd ed. (Williams and Wilkins 1954).

ELECTIVES

Suitably prepared students may undertake special research or training projects under direction of a staff member at any time, by application to the Chairman of the Department.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See Announcement of the Faculty of Graduate Studies.

DEPARTMENT OF PHYSIOLOGY

Joseph Morley Drake Professor	F. C. MACINTOSH, *Chairman*
Professor	A. S. V. BURGEN
Associate Professors	B. D. BURNS
	H. GARCIA-AROCHA
Assistant Professors	SIMON DWORKIN
	BERNICE GRAFSTEIN
	PAUL SEKELJ
	KATHLEEN G. TERROUX
Lecturer	J. Q. BLISS

REQUIRED COURSES

FIRST YEAR

1. PHYSIOLOGY

Tuesday, Thursday, Saturday at 9 a.m.

1D. DEMONSTRATIONS

Friday at 3 p.m.

1L. PHYSIOLOGICAL LABORATORY

Three hours a week, from November.

INTRODUCTION TO MEDICINE

One hour a week, from October. A presentation of selected clinical material, from the standpoint of the basic medical sciences. The sessions are conducted in turn by the Departments of Anatomy, Biochemistry, and Physiology.

SECOND YEAR

2. ANATOMY AND PHYSIOLOGY OF THE CENTRAL NERVOUS SYSTEM

Two hours lecture, two hours laboratory, and one hour demonstration a week, during the first term.

This is one course, given by the Departments of Anatomy, Neurology and Neurosurgery, and Physiology.

Textbooks:

Introductory: G. H. Bell, J. N. Davidson and Harold Scarborough, Textbook of Physiology and Biochemistry, 3rd ed. (Livingstone 1956); C. H. Best and N. B. Taylor, The Living Body, 3rd ed. (Holt 1952).

Recommended General Texts: A. C. Guyton, Textbook of Medical Physiology (Saunders 1956); Samson Wright, Applied Physiology, 9th ed. (Oxford 1952).

Reference Texts: C. H. Best and N. B. Taylor, The Physiological Basis of Medical Practice, 6th ed. (Williams and Wilkins 1955); C. L. Evans, Principles of Human Physiology, 12th ed. (Churchill 1956); J. F. Fulton, A Textbook of Physiology, 17th ed. (Saunders 1955); B. A. Houssay, Human Physiology (McGraw-Hill 1951).

ELECTIVE COURSE

1E. SELECTED TOPICS IN PHYSIOLOGY

These are discussed from the point of view of current research in the Department.

2 hours a week, from January.

DEPARTMENT OF PSYCHIATRY

Professors

D. E. Cameron, *Chairman*
A. E. Moll

Associate Professors

R. A. Cleghorn
R. B. Malmo
W. Clifford M. Scott
Baruch Silverman
Taylor Statten
E. D. Wittkower

Assistant Professors

Saul Albert
J. Aufreiter
T. J. Boag
C. Bos
T. E. Dancey
V. A. Kral
E. H. Lehmann
A. W. MacLeod
M. Saffran
C. Shagass
T. L. Sourkes

Lecturers

Friedl Aufreiter
Hassan Azima
Jacques Beaubien
M. K. Birmingham
H. A. Bowes
Hyman Caplan
Bruno Cormier
P. G. Edgell
B. Grad
R. C. M. Hamilton
L. G. Hisey
R. C. A. Hunter
Alan Mann
G. Morf
C. H. Skitch
Manuel Straker
G. C. Taylor
Martin Tunis
Saul Wilner

Sessional Lecturer

Miguel Prados

Demonstrators

F. Azima
S. Barza
C. Cahn
G. C. Curtis
H. B. Durost
G. Hanrahan
Angela Hefferman
Brian Hunt
L. Hutson
W. G. Krauser
Henry Kravitz
D. Levin
L. Levy
J. Naiman
G. J. Sarwer-Foner
C. C. Smith

Research Assistants

J. F. Davis
B. D. Drujan
N. Epstein
S. Feldman
J. M. Fortin
J. Kenyon
D. W. R. Ross

REQUIRED COURSES

FIRST YEAR

CHILD DEVELOPMENT AND HUMAN RELATIONSHIPS: A total of 16 hours, the first two being introductory lectures. In the remaining 14 hours, a child psychiatrist and a pediatrician will collaborate at each session in presenting various aspects of child development from the prenatal period to adolescence. With the aid of patients and appropriate films, human relations and their development will be discussed from the broadest possible point of view. *Professors Cameron, Ross (Pediatrics), Statten, and Staffs*

SECOND YEAR

Two courses of lectures, totalling 24 hours, on basic behavioural disorders are given during the Second year. The first course deals primarily with psychopathology and the second with clinical cases and the recognition of the nature of symptoms. Clinical demonstrations are included.

Professor Lehmann and Staff

THIRD YEAR

70 hours of clinical instruction will be given during the Third year. This instruction is given primarily on the wards of the teaching hospitals and in the out-patient departments.

Drs. Bos. Cleghorn, Hisey, Taylor and Wilner

FOURTH YEAR

Clinical demonstration, out-patient instruction, and ward rounds are held during the Fourth year. Certain of these are devoted to early behavioural disturbances, psychosomatic and toxic states, and drug addictions.

Professors Cameron, Moll, Dancey, and Staffs

A course of 8 lectures on Community and Preventive Psychiatry is given during the Fourth year. *Professor Silverman*

DEPARTMENT OF RADIOLOGY

Professor Carleton B. Peirce, *Chairman*

Associate Professors

J. J. L. Bouchard
Joseph W. McKay
D. L. McRae

Assistant Professors	E. F. Crutchlow
	J. S. Dunbar
	R. G. Fraser
Assistant Professor of Physics	L. G. Stephens-Newsham
Lecturer	N. M. Brown
Demonstrators	R. M. Cunningham
	B. B. Hale
	M. N. Loughead
	T. F. B. Philips
	D. J. Sieniewicz

FIRST YEAR

In co-operation with the Department of Anatomy, illustrative demonstrations for the course in "Living Anatomy" are available on the roentgenologic anatomy of the skeletal, respiratory, gastro-intestinal, and urogenital systems, especially in regard to functional anatomy of joints, the thoracic viscera, and the alimentary tract.

Professor Peirce and Staff

SECOND YEAR

INTRODUCTION TO RADIOLOGY

In co-operation with the Department of Medicine (Course II 2) as an introduction to special methods in Physical Diagnosis, the various means of radiologic examination are demonstrated to small groups of students in the Teaching Hospitals. The fluoroscopic and rentgenographic methods of study of the cardio-respiratory and gastro-intestinal systems especially are compared with clinical methods in physical examination.

Professors Peirce and McKay and Staff

THIRD YEAR

III ROENTGEN PATHOLOGY AND RADIATION THERAPY

A course of 24 lectures presenting the general principles of radiation physics, systemic roentgen pathology and the therapeutic use of ionizing radiations.

Professors Peirce, Bouchard, McKay, McRae, Stephens-Newsham, and Staff

FOURTH YEAR

IV CLINICAL RADIOLOGY

Conference periods, two hours weekly each quarter, during which the students assigned to Internal Medicine, Paediatrics and Surgery in the several Teaching Hospitals discuss clinical case material with the members of the Department.

Professors Peirce, Bouchard, McKay, and Staff

Text and Reference Books: A. E. Barclay, The Digestive Tract, 2nd ed. (Camb. Univ. Pr. 1936); J. P. Caffey, Pediatric X-ray Diagnosis, 3rd ed. (Year Bk.Pubs. 1956); Otto Glasser, *et al.*, Physical Foundations of Radiology, 2nd ed. (Harper 1952); Ross Golden, *et al.*, Diagnostic Roentgenology (Nelson 1936-41, 3 vols.); F. J. Hodges, *et al.*, Radiology for Medical Students, 2nd ed. (Year Bk. Pubs. 1954); G. W. Holmes, and L. L. Robbins, Roentgen Interpretation. 8th ed. (Lea and Febiger 1955); Alban Kohler, Roentgenology, 2nd ed. (Bailliere 1935); Isadore Meschan, An Atlas of Normal Radiographic Anatomy (Saunders 1951); Isadore Meschan, Roentgen Signs in Clinical Diagnosis (Saunders 1956); H. K. Pancoast, E. P. Pendergrass, and J. P. Schaeffer, Head and Neck in Roentgen Diagnosis (Thomas 1940); E. A. Pohle, Theoretical Principles of Roentgen Therapy (Lea and Febiger 1938); L. G. Rigler, Outline of Roentgen Diagnosis (Lippincott 1938); LeRoy Sante, Principles of Roentgenological Interpretation, 9th ed. (Edwards 1952); S. C. Shanks and P. J. Kerley, Textbook of X-ray Diagnosis, 2nd ed. (Saunders 1950-51, 4 vols.); 3rd ed. vol. 1 1957; M. B. Wesson, Urologic Roentgenology, 3rd ed. (Lea and Febiger 1950).

POSTGRADUATE INSTRUCTION

DIPLOMA IN RADIOLOGY

Details of the Postgraduate course leading to the Diploma in Radiology of the Faculty of Medicine may be obtained from the Dean's Office or the Chairman of the Department.

Postgraduate training prerequisite to certification in the specialty by the Royal College of Physicians and Surgeons (Canada) or the American Board of Radiology is available in the teaching hospitals in conjunction with the Diploma Course for selected graduates of approved Faculties or Schools of Medicine.

DEPARTMENT OF SURGERY

Professors

P. G. Rowe, *Chairman*
D. R. Webster

Associate Professors

S. J. Martin
D. R. Murray

Assistant Professors

S. G. Baxter
C. M. Gardner
J. W. Gerrie
F. N. Gurd
G. H. Holland
J. C. Luke
J. R. McCorriston
C. A. McIntosh
E. A. McNaughton
H. S. Morton
H. F. Moseley
J. D. Palmer

Lecturers

H. A. Baxter
W. M. Couper
J. C. Dickison
G. D. Little
J. C. Sutton
A. M. Vineberg
F. M. Woolhouse

Demonstrators

F. D. Ackman
A. R. Bazin
H. E. Beardmore
J. A. Drummond
M. A. Entin
R. L. Estrada
J. F. Hopkirk
A. F. Jones
G. M. Karn
R. N. Lawson
R. C. Long
H. F. Owen
D. W. Ruddick
H. J. Scott
Israel Shragovitch
J. L. Shugar
E. J. Tabah
A. G. Thompson

ORTHOPAEDIC SURGERY

Assistant Professors

J. G. Petrie
J. G. Shannon

Lecturers

A. A. Butler
J. A. L. Walker

Demonstrators

Robert G. Townsend
C. Laird Wilson
J. M. McIntyre

UROLOGY

Assistant Professors

A. B. Hawthorne
R. G. Reid

Lecturers

S. A. MacDonald
J. T. MacLean

Demonstrators

K. J. MacKinnon
C. A. Moore

REQUIRED COURSES—

SECOND YEAR

Surgical teaching begins in the Winter term (24 weeks) of the Second year. In this year special attention is directed to the instruction and training of the student in proper methods of physical examination from

the surgical point of view. At the same time, instruction is given in methods of surgical technique, and the student is introduced to the simpler types of fractures and dislocations.

2A. A COURSE OF LECTURES (22) covering the history of Surgery and an introduction to the study of surgical diseases.

2B. GROUP CLASSES in the wards of the Montreal General and Royal Victoria Hospitals. At these, small groups of students are instructed in methods of examination as applied to surgery and its allied specialties.

THIRD YEAR

The student comes into a more intimate contact with the patients, and in the surgical trimester is assigned cases, writes case reports, acts as dresser, and assists at operations.

*3A. AMPHITHEATRE CLINICS AND DEMONSTRATIONS in the Montreal General and Royal Victoria Hospitals, one day a week throughout the year.

3B. GROUP WARD CLASSES in the Montreal General and the Royal Victoria Hospitals. Four times a week during the term.

3C. CASE REPORTING. Patients are allotted to students who act as reporters, dressers, and assistants at operations.

FOURTH YEAR

*4A. AMPHITHEATRE CLINICS AND DEMONSTRATIONS in the Montreal General and Royal Victoria Hospitals alternately, once a week throughout term.

4B. GROUP WARD CLASSES AND WARD ROUNDS in the Montreal General and Royal Victoria Hospitals, four times a week during the surgical quarter.

4C. CASE REPORTING

4D. CLINICO-PATHOLOGICAL CONFERENCES once a week during the term, jointly with the Department of Pathology, at the Montreal General and Royal Victoria Hospitals.

4E. It is compulsory that every student must be in residence for a period of one week at either the Montreal General Hospital or the Royal Victoria Hospital during the term in Surgery.

---

*Amphitheatre Clinics 3A and 4A are so arranged that all surgical subjects are presented during the two year course

SURGICAL DISEASES OF CHILDREN —

Instruction in the surgical diseases of children is given during the trimester in which the students are assigned to paediatrics at the Children's Memorial Hospital, as follows:

4A. AMPHITHEATRE CLINICS once a week throughout trimester.

4B. GROUP WARD CLASSES three times a week throughout trimester.

ORTHOPAEDIC SURGERY —

FOURTH YEAR

4A. CLINICAL LECTURES. A course of 8 lectures given at the hospitals.

4B. WARD CLASSES at the Montreal General and Royal Victoria Hospitals, once a week during the surgical trimester.

4C. GROUP CLASSES IN THE OUT-DOOR DEPARTMENT of the Montreal General and Royal Victoria Hospitals, twice a week during the surgical trimester.

ANAESTHESIA —

Students are given practical instruction in the administration of anaesthetics, during their surgical trimesters in the Fourth year at the Montreal General and Royal Victoria Hospitals.

Close correlation is maintained with the Departments of Anatomy and Physiology as well as with the concurrent instruction in Medicine, Pathology, and Bacteriology.

The course is graded and the student is required to qualify in each grade before he is permitted to advance to succeeding grades.

UROLOGY —

SECOND YEAR

2A. CLINICAL UROLOGY

Group classes, 4 demonstrations, in which instruction in methods of Urological examination is given in the Montreal General and Royal Victoria Hospitals. (*See Surgery 2B.*)

FOURTH YEAR

4A. CLINICAL LECTURES. A course of theatre clinics in each of the hospitals.

4B. UROLOGICAL CLINICS. Ward classes.

The Montreal General Hospital—3 classes a week.

Royal Victoria Hospital—3 classes a week.

4C. CASE REPORTING IN UROLOGICAL WARDS

Instruction in surgery and the surgical specialties is given in the form of didactic lectures, amphitheatre clinics, and demonstrations and group teaching in the wards and out-patient departments of the teaching hospitals. The course is graded. The student must qualify in each year before proceeding to the next.

Textbooks:

General Surgery: Ian Aird, Companion in Surgical Studies, 2nd ed. (Livingstone 1956); Hamilton Bailey, Demonstration of Physical Signs in Clinical Surgery, 12th ed. (Williams and Wilkins 1954); Christopher's Minor Surgery, ed. by Alton Ochsner and M. E. DeBakey, 7th ed. (Saunders 1955); Frederick Christopher, Textbook of Surgery, 6th ed. (Saunders 1956); W. H. Cole and Robt. Elman, Textbook of General Surgery, 6th ed. (Appleton 1952); John Homans, Textbook of Surgery, 6th ed. (Thomas 1945); H. F. Moseley, Textbook of Surgery, 2nd ed. (Mosby 1955).

Surgical Anatomy: A. Lee McGregor, Synopsis of Surgical Anatomy, 7th ed. (Williams and Wilkins 1952).

Fractures and Dislocations: R. Watson Jones, Fractures and Joint Injuries, 4th ed. (Livingstone 1952-1955), 2 vols.

Case Reporting: J. Renfrew White, The Clinical Examination of Surgical Cases (Macmillan 1924).

Urology: M. F. Campbell, Urology (Saunders 1954), 3 vols.; F. H. Colby, Essential Urology, 3rd ed. (Williams and Wilkins 1956); D. N. Eisendrath and H. C. Rolnick, Urology, 4th ed. (Lippincott 1938).

Orthopaedic Surgery: W. C. Campbell, Operative Orthopaedics, 3rd ed. (Mosby 1956), 2 vols.; Walter Mercer, Orthopaedic Surgery, 4th ed. (Williams and Wilkins 1950).

GRADUATE INSTRUCTION—

1. Any medical graduate of McGill University who so desires may attend any of the regular undergraduate clinics. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. Special graduate work is offered in every department, both in the laboratories and in the clinics. Applications in writing, addressed to the chairman of the department concerned, must state the qualifications and experience of the applicant and the nature of the work he desires to do. The minimum fee is $30.00 a term (10 weeks).

A Diploma in Tropical Medicine and Hygiene is granted by McGill University.

This course is conducted by the Department of Health and Social Medicine, with the collaboration of other departments in the Faculty of Medicine and the assistance of members of other faculties in the University who have a special interest in this field.

The Department of Health and Social Medicine is housed in quarters at 515 Pine Avenue West, within easy access of the Medical Building. The building contains ample accommodation for lectures, seminars, and demonstrations. In addition to the excellent facilities of the Library of the Faculty of Medicine, which are at the disposal of students, the Department has its own library and reading-room. The building is also the headquarters of the Student Health Service.

DIPLOMA IN TROPICAL MEDICINE AND HYGIENE (D.T.M. & H.)

The course of instruction occupies a full academic year. Classes for the first term include bacteriology and immunology, epidemiology, environmental hygiene, industrial hygiene, and public health organization and administration, vital statistics, biometrics, maternal, infant, pre-school and school hygienes, etc. Those for the second term are held at the Institute of Parasitology at Macdonald College of McGill University. The teaching collection at the Institute is a large and representative one.

The work is practical as well as theoretical, and includes a study of Parasitology and Medical Entomology, laboratory diagnoses of tropical and sub-tropical diseases, and lectures on the diseases of the tropics, on tropical hygiene, and minor sanitation.

Clinical instruction must, of necessity, be limited in temperate climates. This aspect is, therefore, deferred to the final part of the course which is given in the tropics at the conclusion of the didactic instruction. The course consists of clinical and field work for which arrangements have been made with Georgetown, British Guiana, Port of Spain, Trinidad, and Venezuela.

Candidates for the Diploma in Tropical Medicine and Hygiene must be graduates in medicine of a recognized university. Certain additional courses may be required of those who are not recent graduates or of those who have not had sufficient clinical practice.

The Fee for the Diploma in Tropical Medicine and Hygiene is $250, or $100 if preceded by a D.P.H. course or its equivalent.

Application must be made prior to June 1st.

BUILDINGS—

THE MEDICAL BUILDING

This building, erected in 1911, contains the Offices of Administration, the Medical Library (with its 74,000 volumes, its Reading Rooms, and their complete set of technical journals), the Department of Anatomy, and the Museums of Anatomy and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department. The laboratories for Histology and Embryology have excellent facilities with space for 120 students, and smaller rooms for research.

THE BIOLOGICAL BUILDING

Completed in 1922, this building was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. The extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Genetics, Biochemistry, Physiology, and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

THE PATHOLOGICAL INSTITUTE

This building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital and the Montreal Neurological Institute by tunnels, is situated on the northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology and Bacteriology and includes a Pathological Museum and museum workshops. It combines under one roof quarters for teaching and research in these departments, and it provides ample facilities and equipment for instruction of students, and the research work of the Staff.

THE MONTREAL NEUROLOGICAL INSTITUTE

This eight-storey building, which is situated on University ground adjacent to the Pathological Institute and the Royal Victoria Hospital, was opened in 1934. Unsurpassed in its equipment and facilities for research, as well as the medical and surgical treatment of disorders of the nervous system, it houses the University Department of Neurology and

Neurosurgery, which conducts both undergraduate and graduate teaching in the Faculty of Medicine. In addition to wards, operating rooms, and laboratories for treatment and study of diseases of the nervous system, the building provides facilities for graduate study and research in the related fields of basic science.

THE ALLAN MEMORIAL INSTITUTE

In 1943 a large building and site were donated as a basis for the development of an Institute of Psychiatry. The building was reconstructed to permit of the establishment of a fifty bed unit, together with extensive research laboratories, and was officially opened July 12th, 1944. Since that time, both undergraduate and postgraduate teaching have been carried on.

THE DONNER BUILDING

The Donner Building for Medical Research, adjacent to the Medical Building, was completed in September 1948. Its erection was made possible through the generosity of William H. Donner of Philadelphia, the late founder of the International Cancer Research Foundation, who provided the funds necessary for the construction of a building entirely devoted to medical research.

This building houses the Maxwell Lauterman Laboratories for Experimental Surgery and laboratories for Dentistry and Experimental Psychology.

HOSPITALS

Few medical schools on this continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical Faculty is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thereby made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:

Royal Victoria Hospital
Montreal General Hospital
Montreal Children's Hospital

Alexandra Hospital for Infectious Diseases
Verdun Protestant Hospital
Royal Edward Laurentian Hospital
Royal Victoria Montreal Maternity Hospital

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical Faculty. These affiliated hospitals contain over 3,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University buildings, comprises the following units under one administration:

1. The Royal Victoria Hospital proper, or the Main Building;
2. The Ross Memorial Pavilion for private patients;
3. The Women's Pavilion—Royal Victoria Montreal Maternity;
4. The Allan Memorial Institute.

The total bed complement is 919, with 96 bassinets. Admissions total approximately 20,000 and confinements are in excess of 3,000 a year. There are some 80,000 visits annually to the Out-Patient Department. The University Clinic was established in 1924 and has facilities for both clinical laboratory work and research.

Post-mortems total 55 per cent of the deaths.

The number of resident physicians is 106.

The Royal Victoria - Montreal Maternity Pavilion, with 214 beds for obstetrical and gynaecological cases. In this institution there are 117 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate student. In a typical year, the obstetrical service cared for over 3,000 confinements in the Hospital. In the gynaecological section, over 2,000 cases are admitted during the year.

There are ten resident physicians.

The Montreal General Hospital is a general hospital of 750 beds for the treatment of acute diseases. In a typical year, there were approximately 16,000 admissions, while out-patient consultations for the same period approximated 167,000. The resident and interne staff numbers 100.

The "Montreal General" was founded in 1821; two smaller buildings downtown had preceded it in 1816 and 1819. In actual age, therefore, it is not by any means the oldest hospital in Canada, but its record in clinical teaching is easily the longest on the North American continent.

As soon as the Hospital opened, its staff began to arrange for students and, in 1824, they opened the first Medical School in Canada, the Montreal Medical Institution, with 25 students. Their teaching was carried on partly at the Hospital.

It was this School which agreed to form the Medical Faculty of McGill University in 1828. The University at that time had practically no students of any kind, and as it was required by the terms of the McGill bequest that teaching should begin before 1829, on penalty of losing the estate, The Montreal Medical Institution, with its ready-made course, came as a salvation. That was the beginning of the long and intimate association between the Hospital and the University.

The Montreal Children's Hospital has 291 public beds, and, in a typical year, admitted 6,000 patients. The attendance at its out-door department totalled over 60,000 visits. This hospital admits all classes of cases of disease in children except pulmonary tuberculosis and the communicable diseases, and enables students to get a broad concept of paediatrics.

There were 111 autopsies in a typical year, which represented 84.6% of all deaths.

The number of resident physicians is 40.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles, and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are three wards for the treatment of tuberculosis in children. There are 150 beds (including 50 for tuberculosis) and the average yearly admissions range between 1,500 and 2,000.

There is a resident senior physician and there are three junior physicians.

The Verdun Protestant Hospital has 1,100 beds.

The Royal Edward Laurentian Hospital (Montreal Division), 3674 St. Urbain Street, consists of a large anti-tuberculosis dispensary and a 151-bed hospital unit designed and equipped for thoracic surgery. Its objectives are the study, prevention, and cure of tuberculosis. This Hospital, along with its Laurentian Division (located in Ste. Agathe des Monts) offers students excellent opportunities to obtain instruction in all aspects of chronic pulmonary disease, more particularly pulmonary tuberculosis.

THE MEDICAL LIBRARY

Honorary Librarian LLOYD G. STEVENSON

The Library occupies the central front section of the medical building. It contains more than 74,000 bound volumes and an extensive collection of pamphlets, theses, government publications, and other items.

On the third floor are the pleasant, well-lighted reading room capable of accommodating seventy-five readers, the periodical room, the catalogue, the charging desk, and exhibits of library treasures. The second floor contains the book stacks and three study rooms available to members of the teaching staff. The first floor is devoted to the technical operations of the library—ordering, cataloguing, etc.

The chief value of the Library is in its periodical collection. Relatively little in the way of important journal literature in all languages is not available in it. The book collection contains many rare volumes, some dating back to the sixteenth century. Among the books and journals the ophthalmological section, due in large measure to many gifts from the late Dr. Casey A. Wood, is excellent.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other medical schools, showing proper credentials, and graduate nurses. Graduates living at a distance may borrow books and journals on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during the academic session from 9 a.m. to 6 p.m., and 7:00 to 10 p.m., except Saturdays, when it is closed at 5 p.m. After June 15th it is open from 9 a.m. to 5 p.m.; Monday to Friday inclusive and closed on Saturdays.

THE OSLER LIBRARY

Librarian W. W. FRANCIS

Assistant Librarian LLOYD G. STEVENSON

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises nearly 12,500 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works, and its importance and usefulness are much enhanced by the donor's annotated

catalogue. Planned and prepared by Osler along very unusual lines, the catalogue was completed, indexed, and printed after his death (Bibliotheca Osleriana, Clarendon Press, Oxford, 1929, xxxvi, 785 pp.).

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 145 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the faculty. Its purpose is:

(1) To transact all matters of business connected with the undergraduate body;

(2) To stimulate interest along medical lines;

(3) To assist students to express themselves in public with facility;

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter, and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior is open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers are kept on file.

ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate, and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the Third and Fourth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussion. Each year an Honorary President has been elected from this older group.

McGill University



Montreal

Faculty of Dentistry

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
Institute of Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture and School of Household Science.)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

Faculty of Dentistry

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U, D.C.L., LL.D., F.R.S.C. — *Principal*

David L. Thomson, Ph.D., LL.D., F.C.I.C., F.R.S.C. — *Vice-Principal*

James McCutcheon, D.D.S., M.S.D., F.A.C.D. — *Dean*

Mervyn A. Rogers, D.D.S. — *Associate Director of Clinical Facilities*

John J. Holton, B.Com. — *Secretary of the Board of Governors*

Colin M. McDougall, D.S.O., B.A. — *Registrar*

G. A. Grimson, B.Com. — *Comptroller*

A complete list of the teaching staff of the University, including the Faculty of Dentistry, is printed as a separate Announcement, which may be obtained from the Registrar's Office.

REQUIREMENTS FOR ENTRANCE

The minimum requirement for admission to the dental course is the satisfactory completion of two full years of study in a recognized College or Faculty of Arts and Science (or the equivalent thereof), including courses in the following subjects: English and Mathematics, one year of each; Physics, one year with laboratory work; Biology, one year of General Biology or Zoology with laboratory work (half year of Botany and half year of Zoology will be accepted, but not one year of Botany alone); Chemistry, two full courses, including one full course of Organic Chemistry with laboratory work.

Courses meeting these requirements are offered in the Faculty of Arts and Science of McGill University, where a student may take the two years of study required, or the second of the two if he has satisfied the requirements of the first year by Senior Matriculation, or otherwise.

On the successful completion of the Second year of the Dental course, students who have entered this Faculty from the Third year of the Faculty of Arts and Science of McGill University are eligible to apply for their B.A. or B.Sc. degree. Application should be made, in writing. to the Dean of the Faculty of Arts and Science.

Students who have completed the Organic Chemistry course (Chemistry 22) and who may be taking the Third year of the B.Sc. course previous to admission to the study of Dentistry are advised to include Biochemistry 31.

Particulars of the examinations leading to Junior and Senior Matriculation status are given in the School Certificate Examinations Announcement.

Applicants who have met the academic requirements are required to take an aptitude test upon their admission to the study of Dentistry.

Residents of the United States should take the "Medical College Admission Test" and the "American Dental Association Aptitude Test" and have the results of these tests sent, with their transcript of academic record, to the Faculty of Dentistry.

Application for admission to the Faculty of Dentistry must be made upon the regular application form which may be obtained from the Secretary of the Faculty. As the number of students in each class is limited, application should be made early and in any case not later than *March first.* Each application must be accompanied by a non-returnable fee of $5.00 in the form of a cheque or money order payable to McGill University.

A reservation fee of $50.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. This payment will be credited towards the applicant's University fees, but will not be returned if he fails to register at the opening of the session.

PROFESSIONAL PRACTICE

In the case of those who intend to practise in the Province of Quebec it is essential that the candidate should:

(a) take at least the second of the above two years in a University recognized by McGill University, thus qualifying for eligibility to register with the College of Dental Surgeons of the Province of Quebec in the study of Dentistry.

(b) obtain from the College of Dental Surgeons of the Province of Quebec a Qualifying Certificate before proceeding with the dental course. Further information may be obtained from Dr. Denis Forest, Registrar of the College of Dental Surgeons of the Province of Quebec, 3607 St. Denis Street, Montreal 18, Quebec.

Candidates who have successfully completed the regular course as given in the Faculty of Dentistry, McGill University, may be granted the licence without further examinations upon payment of the required fee, provided they are registered with the College of Dental Surgeons of the Province of Quebec.

PROVINCIAL REGISTRATION

Applicants are reminded that a University degree in Dentistry does not in itself confer the right to practise the profession of Dentistry. It is necessary to comply with the dental laws of the country, state, or province in which it is proposed to begin practice. Each province in Canada at present has special requirements for its licence, and in all of them a certain standard of general education is insisted upon before the study of Dentistry may be begun. *Students who intend practising in Canada are advised to register their qualifications in the province in which they intend to practise, before they begin their university course.*

The following is a list of the Registrars of the Dental Boards of the several Canadian provinces. Students are advised to write for information whenever they are in doubt as to the regulations of any province.

Alberta—Dr. R. A. Rooney, 523 Tegler Bldg., Edmonton.

British Columbia—Dr. Emery C. Jones, 217 Medical-Dental Bldg., Vancouver.

Manitoba—Dr. J. F. Morrison, 416 Medical Arts Bldg., Winnipeg.

New Brunswick—Dr. E. D. Halford, 459 DeMont Street, Lancaster.

Newfoundland—Dr. G. P. French, 350 Water Street, St. John's.

Nova Scotia—Dr. G. M. Dewis, 269 Gottingen Street, Halifax.

Ontario—Dr. Wesley G. Dunn, 234 St. George Street, Toronto.

Prince Edward Island—Dr. Heath McIntyre, 140 Richmond Street, Charlottetown.

Quebec—Dr. Denis Forest, 3607 St. Denis Street, Montreal.

Saskatchewan—Dr. L. J. D. Fasken, 2216 Angus Street, Regina.

NATIONAL DENTAL EXAMINING BOARD OF CANADA

The National Dental Examining Board of Canada issues a certificate to successful candidates which may be registered with any or all Canadian Provincial Licensing Boards for the purpose of securing a licence to practise in the respective province. Candidates must possess the following qualifications:

(a) have proof of matriculation as established by the Council on Dental Education of the Canadian Dental Association before beginning the study of dentistry.

(b) have taken a minimum of two complete academic years, equivalent to two years liberal Arts and Science of a recognized university.

(c) have successfully completed four academic years of professional education in a dental school approved by the Council on Dental Education of the Canadian Dental Association.

(d) hold a degree in dentistry from a school of dentistry approved by the Council on Dental Education of the Canadian Dental Association at the time of graduation. Such approval is effective as of March 1948.

(e) hold an Enabling Certificate from a Canadian dental licensing body. Detailed information may be obtained from — Dr. H. N. B. Beach, Secretary, National Dental Examining Board of Canada, 150 Metcalfe Street, Ottawa, Canada.

AMERICAN NATIONAL BOARD EXAMINATIONS

Students intending to practise in the United States are advised to contact Dr. Gerard J. Casey, Secretary, Council of the National Board of Dental Examiners, American Dental Association, 222 East Superior Street, Chicago 11, Illinois. Information should also be obtained from the Secretary of the licensing board of the specific state in which the student intends to practise.

REGISTRATION

Students in Dentistry register at the Registrar's Office on Friday, September 5th. Any student registering after the specified date will be required to pay a late fee. No students will be admitted after September 19th.

FEES

The University reserves the right to make changes without notice in its published scale of fees if, in the opinion of the Board of Governors, circumstances so require. Fees are not refundable, except under special conditions as described in the General Information Pamphlet.

TUITION FEES

Annual undergraduate fee	$600.00
(including Students' Society and Dental Review fees)	
By instalments: Each of two instalments	302.50

REPEATING A YEAR

Students repeating a year pay $600.00

PARTIAL STUDENTS

Qualified partial students are admitted to one or more courses on payment of special tuition fees and fees for Student activities. For further particulars consult the Dean's Office.

EQUIPMENT AND SUPPLIES

In Second year—Crown and Bridge Model	$30.00
In Second year—Operative Model (rental)	10.00
In Third year—Orthodontic material	20.00
In Third and Fourth years—Dental Cabinet (rental)	5.00
In Third year—Final practical examination material	20.00
In Fourth year—Final practical examination material	30.00

AD EUNDEM FEE

Transfer students entering any year above the First pay a special *ad eundem* fee of $10.00

GENERAL REGULATIONS

Fees are due and payable at the Accounting Office between the hours of 9 a.m. and 4 p.m., on September 5th; but they may be paid before the above date. If paying in two instalments, the amount of the first instalment can be determined by adding fees and instalment fee, deducting deposit and dividing the result in half. An additional $2 is charged for payment after the specified date. All late fees are payable in full with first instalment.

Students registering late pay their fees at the time of registration, failing which they become subject to the following provisions.

Immediately after the prescribed dates for the payment of fees, the Chief Accountant sends to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

Note: *Special fees* are given in the General Information Pamphletincluded in the Announcement.

INSTRUMENTS

With the exception of certain instruments and equipment required for the general use of all students, each student is required to furnish his own instruments and appliances for both laboratory and operating room, and is not permitted to enter the course until he is thus supplied.

The approximate cost of instruments and supplies is as follows:

First year	$450.00
Second year	600.00
Third year	300.00
Fourth year	150.00

All of these instruments and this equipment will be required for office use when the student enters practice and should be regarded as an investment for that purpose rather than a university expense.

Arrangements have been made with local dental supply houses in order that the student may benefit by a special discount.

MEDALS AND PRIZES

Montreal Dental Club Gold Medal.—Awarded to the student in the final year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the four years.

College of Dental Surgeons of the Province of Quebec.—The J. K. Carver Prize of twenty-five dollars awarded to the student, registered in this Province, obtaining the highest standing in the practical examinations of the final year.

Montreal Endodontia Society.—A book prize, awarded to the student in the final year showing the greatest aptitude in this subject.

American Academy of Dental Medicine (Montreal Section) Book Prize.—Awarded to the student in the final year obtaining the highest standing in Dental Medicine.

Canadian Dental Association War Memorial Scholarship Award.—First Prize $125.00; Second Prize $75.00. To be awarded annually.

This is an essay contest and is open to all undergraduates of the final year who have been in attendance for at least two years at any Canadian Dental School. The essay shall consist of not more than 4,000 words and not less than 2,500 words, excluding bibliography.

Correspondence relative to this Scholarship should be addressed to The Secretary, Canadian Dental Association, 234 St. George St., Toronto 5.

Lieutenant-Governor's Gold Medal.—Awarded to the student in the final year who stands second in the class and whose standing is determined in a manner similar to that followed in the awarding of the Montreal Dental Club Gold Medal.

Lieutenant-Governor's Silver Medal.—Awarded to the student obtaining the highest marks in written and practical subjects in the Third year examinations.

M. J. T. Dohan Pedodontic Prizes.—A prize awarded to the student in the Fourth year who achieves the highest standing in practical and clinical work during the year; and a prize awarded to the student in Third year who receives the highest mark in the final written examinations.

International College of Dentists (Canadian Section) Scholarship.—This scholarship of $100 is awarded annually to a student who has completed the Third year and is entering the Fourth year. The award is based on scholastic record in the Third year, general character, and participation in extra-curricular activities. No application is required.

Montreal Dental Club Prizes.—First, Second and Third year prizes given by the Montreal Dental Club and awarded to the students obtaining the highest standing in the following technique subjects: First year, Dental Anatomy; Second year, to be chosen each year; Third year, Orthodontic Technique.

Mount Royal Dental Society Prizes.—Prizes awarded to the students obtaining the highest standing in the sessional examinations in First, Second and Third years.

Dorion Prizes.—Second and Third year prizes offered by Dr. Eugene S. Dorion to the students obtaining the highest standing for an Essay on Roentgenology.

Dr. I. K. Lowry Prizes.—Prizes of medical dictionaries are awarded to the two students in the Second year who obtain the highest marks in Oral Histology and Embryology.

Hadler Study Club Prize.—A prize awarded to the student in the Third year who obtains the highest standing in Clinical Operative Dentistry.

SCHOLARSHIPS, BURSARIES, AND LOANS

Details of University and other scholarships and bursaries are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

The University has a small fund from which loans may be made to students of good academic standing. Loans are made only to students in the upper years. Applications for loans should, in the first place, be made to the Dean.

COURSE FOR THE DEGREE OF D.D.S.

Candidates for the degree of D.D.S. must complete two years of study in a College or Faculty of Arts or Science, with English, Mathematics, Physics, Inorganic and Organic Chemistry, and Biology as compulsory subjects, before entering upon the four-year course in this Faculty. The curriculum* is as follows:

FIRST YEAR

Anatomy, Human
Anatomy, Dental
Histology, General
Physiology
Biochemistry
Dental Techniques
Orientation in Dentistry
Dental Materials

SECOND YEAR

Crown and Bridge Work
Operative Technique
Orthodontic Technique
Prosthetic Technique
Bacteriology
Metallurgy
Pharmacology (general)
General Pathology
Dental History
Radiography
Histology, Dental

THIRD YEAR

Crown and Bridge Work
Operative Dentistry
Orthodontics
Prosthetic Dentistry
Dental Radiography
Prosthetic Articulation
Dental Pharmacology and Therapeutics
General Anaesthesia
Oral Surgery and Local Anaesthesia
Oral Pathology
Health and Social Medicine
Pedodontics
Dental Jurisprudence

FOURTH YEAR

Orthodontics
Prosthetic Dentistry
Oral Surgery
Crown and Bridge Work
Pedodontics
Endodontia
Oral Diagnosis
Medicine
Periodontia and Oral Hygiene
Practice Management
Dental Ethics
Thesis

*It should be understood that the programme and regulations regarding courses of study and examinations contained in this Announcement hold good for this session only, and that the Faculty, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions here laid down.

THESIS: Final year students must write a thesis of approximately 4,000 words. The subject will be announced early in September.

ATTENDANCE

Students who have failed to attend at least seven-eighths of the lectures, laboratory or clinical periods in any course may be refused the right to attempt the final examination in that course.

EXAMINATIONS

Frequent oral examinations are held to test the progress of the student, and occasional written examinations are given throughout the session.

A minimum of 60 per cent in each subject is required to pass, and 85 per cent for Honours.

All examinations in each year must be passed before a student is allowed to advance to the next.

Candidates who fail at the regular examinations in not more than three subjects of the First, Second, or Third years, may, at the discretion of the Faculty, be allowed to take the supplementary examinations before the beginning of the following session. These examinations are held during the week preceding the regular opening of the session.

A candidate will not be permitted to attempt supplemental examinations in more than three subjects in any of the first three years of the course.

Students in the First year who fail to achieve a passing grade in Gross Anatomy *must* attend the Anatomy summer session in the month of August before attempting the supplemental examination in this subject.

Students who fail in one subject only of the final year may, at the discretion of the Faculty, be allowed a supplementary examination in that subject. Should the subject be one in which practical or clinical work is required, the student must furnish evidence of additional clinical attendance or laboratory work before presenting himself for examination.

A repeating student will be excused from those courses in which he has attained a mark of 70% or better. He will be required to repeat all lecture, laboratory and clinical periods in those courses in which he attained a mark of 69% or less. On re-examination in thesel atter courses, a passing grade of 65% must be attained.

Applications for supplemental examinations must be in the hands of the Dean at least three days before the date set for the beginning of the examination, and must be accompanied by a fee of $10.00 for each subject.

QUALIFICATIONS FOR THE DEGREE

1. No one is admitted to the degree of Doctor of Dental Surgery who has not attended lectures for a period of four sessions in the Dental Faculty of this University, or partly in this University and partly in some other approved Faculty or School of Dentistry.

2. Students, of other universities so approved, who may be admitted on production of certificates to a like standing in this University, are required to pass a qualifying entrance examination and thereafter the same examinations as regular students of this University.

3. No one is permitted to become a candidate for the degree who has not attended at least one full session at this University.

4. Candidates for the final examinations must furnish testimonials of attendance in the branches of dental education mentioned on page 1910; however, testimonials equivalent to though not precisely the same as these, may be presented and accepted.

DENTAL INTERNESHIPS

There are a number of resident dental interneships in Montreal hospitals. These positions are filled annually on recommendation of the Faculty of Dentistry, selection being made from the graduating class.

Members of the graduating class spend, on rotation, two week periods as resident student internes in the Montreal General Hospital.

COURSES OF LECTURES

ANAESTHESIA, GENERAL

Lecturer ROBERT FERGUSON

This course, given in the Third year, comprises a short series of lectures on the general principles and the physiology of anaesthesia, with special emphasis laid on the factors of safety and the suitability of the anaesthetic agent employed. An equal amount of time is spent in the main operating theatre where demonstrations are given of the use of all modern methods of general anaesthesia for dental and oral surgery under actual working conditions.

Textbook: A. E. Guedel, Inhalation Anaesthesia (Macmillan).

ANATOMY, GENERAL

Professors	C. P. LEBLOND, *Chairman*
	C. P. MARTIN
Associate Professors	S. M. BANFILL
	J. LANGMAN
Assistant Professor	Y. CLERMONT
Hon. Lecturer	E. W. WORKMAN
Lecturers	B. E. WALKER
	L. HELLER
Lecturer in Dental Histology	G. DOUGLAS ARMSTRONG
Demonstrator, Histology and Embryology	M. BLAIR
Demonstrator, Histology	H. ROOT
Teaching Fellow	W. R. KENT
Research Assistants	C. E. HOOPER
	H. ISLER
	H. PUCHTLER
	H. VANCE

ANATOMY

1A. GROSS ANATOMY

This course covers the first two terms of the year, and is planned so that after making a general survey of the whole body, the dental student concentrates his attention on the head and neck. The course runs concurrently with the course in First year Medicine (Anatomy 1), and comprises five hours lectures and fifteen hours laboratory work a week during the Autumn and Winter terms.

The curriculum survey presently being conducted in the Faculty of Medicine, may necessitate some changes in this course during the session.

Practical Manual: Le Gros, Clark, Practical Anatomy, 2nd ed.

Textbook: Gray, Anatomy (English edition); or Cunningham, Textbook of Anatomy.

MICROSCOPIC ANATOMY

1. HISTOLOGY AND EMBRYOLOGY

This course coincides for the main part with the Medical Microscopic Anatomy Course 5 but the reproductive organs are excluded and special lectures on dental histology and the embryology of the mouth are included.

The course finishes at the end of the Winter term.

Histology Textbook: Bailey, Text-book of Histology; or Maximow and Bloom, Histology; or Ham, Histology.

ANATOMY, DENTAL

Assistant Professor — T. I. GUILBOARD, *Chairman*
Lecturer — DAVID T. SHIZGAL
Demonstrator — H. R. LOUTTIT

This course is given to dental students of the First year. It consists of 28 lectures of one hour and 56 laboratory periods of two hours each.

The lecture course covers:

1. Introductory lectures on the development of the maxillary bones, development of teeth, nomenclature of the different constituents of teeth and surrounding tissues.
2. The anatomy of each individual tooth, deciduous and permanent.
3. Arrangement of teeth and occlusion.
4. Development of the maxillary apparatus from reptiles to man.

These lectures are illustrated by drawings, X rays, models, slides, and specimens.

The laboratory course consists of carving teeth from plaster of Paris blocks. Four teeth are carved three times normal size.

Fourteen teeth are carved normal size, then articulated on models. Natural teeth are sectioned and mounted to familiarize the student with the composition of the teeth, and the relationship of pulp canals and chambers. Drawings of teeth are made.

Textbooks: Dental Anatomy, M. Diamond.

References: Dental Anatomy, Zeisz & Nuckolls; Dental Anatomy and Physiology, Wheeler.

BACTERIOLOGY

Professor — R. W. REED, *Chairman*
Associate Professors — G. G. KALZ
J. W. STEVENSON
Assistant Professors — FRITZ BLANK
C. A. BUTAS
GRACE GIRVIN
K. F. GIRARD
C. D. KELLY
A. M. MASSON
Lecturers — E. MANKIEWICZ
B. H. MATHESON
O. MORGANTE
RAISSA SILOV

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

ELEMENTARY DENTAL BACTERIOLOGY AND IMMUNITY

30 lectures and 60 hours practical work.—Available to students of Dentistry on the completion of their studies in Anatomy, Physiology, Histology, and Biological Chemistry.

A choice of the following books is recommended:

F. C. Kelly and K. E. Hite, Microbiology (Appleton Century Crofts); Jordan and Burrows, Textbook of Bacteriology (Saunders); Fairbrother, A Textbook of Medical Bacteriology (William Heinemann).

BIOCHEMISTRY

Professors — D. L. THOMSON, *Chairman*; J. H. QUASTEL

Associate Professors — O. F. DENSTEDT; K. A. C. ELLIOTT

1. BIOCHEMISTRY—LECTURE COURSE

Two lectures weekly from October to April. Three weekly thereafter, in the First year.

This work is taken with the Medical students.

Text: Harper, Review of Physiological Chemistry (Lange).

2. BIOCHEMISTRY—LABORATORY COURSE

A synopsis of the course is issued by the Department.

Six hours a week: October to February.

DIAGNOSIS, ORAL (*See*—Pathology)

ENDODONTICS

Associate Professors — WILFRED J. JOHNSTON, *Chairman*; A. GERALD RACEY; WALLACE F. WALFORD

Assistant Professors — T. IVAN GUILBOARD; ROGER E. MCMAHON

Lecturer in Medicine — GERALD W. HALPENNY

Lecturer in Radiology — E. S. DORION

Lecturers in Dentistry — A. D. RICHARDSON; L. J. ROSEN

Guest Lecturer — CAMERON T. WALSH (chosen each year)

A course in root canal therapy correlated with the teachings of the Departments of Bacteriology, Pathology, Histology, and Dental Anatomy.

Two weeks in the senior year are devoted to a concentrated course of Theory and Clinical Practice of Endodontics. The basic principles of opening, cleansing, and filling root canals are dealt with in lectures and demonstrations. During this period each student is required to carry out the diagnosis, bacteriological examination, and treatment of the clinical cases that are provided. Where necessary, root resections and bleachings are performed. Throughout the senior year there is a weekly endodontic clinic to aid the students with those cases that they encounter during their general clinical work.

Textbooks: L. I. Grossman, Root Canal Therapy; Sommer, Ostrander and Crowley, Clinical Endodontics.

FRESHMAN TECHNICS

Lecturer	D. W. Henry, *Chairman*
Lecturer	Marcel Hebert
Demonstrators	J. T. Elo
	G. K. Hale
	L. E. Kent
	L. H. Mussells
	Z. B. Nyeste
	A. E. Pye

An introduction to the techniques and practices which are common to the phases of Prosthetic and Operative Dentistry and Crown and Bridge Prosthesis. As a technical introduction to clinical phases of Dentistry the course will deal with the elements of cavity preparation and fillings; casting; soldering; prosthetic articulation; the use of investments and other dental materials.

Lectures, demonstrations and practical laboratory exercises are assigned to the course.

HEALTH AND SOCIAL MEDICINE

Associate Professor	C. W. MacMillan
Assistant Professors	Marian A. Bain
	Margaret E. Nix

A special course of twenty lectures on the relation of Dentistry to Public Health and Preventive Medicine, including an introduction to the organization and administration of public health programs in Canada, communicable disease control, environmental hygiene, nutrition and health education.

HISTOLOGY AND EMBRYOLOGY, ORAL

Lecturer G. DOUGLAS ARMSTRONG

Demonstrator THOMAS J. GAVRILOFF

This course follows Histology 1. The didactic portion traces the development of the teeth and supporting structures. Following this, there is the study of the adult oral tissues throughout their life cycle, and their relationship to the various fields in Dentistry.

The laboratory portion of the course is devoted to microscopic study of prepared ground and decalcified sections of oral tissues. Demonstrations of dissections of embryonic and foetal material are made.

Text: Orban, Oral Histology and Embryology.
Reference Book: Noyes, Schour, and Noyes, Dental Histology and Embryology.

HISTORY AND ETHICS, DENTAL

Lecturer in History and in Ethics JOHNSTON W. ABRAHAM

HISTORY

This course is intended to give the student an intelligent conception of the evolution and development of dentistry from the primitive conditions and methods of the past to the present standing of the profession as a branch of the healing art. The relation of some of the outstanding men of the profession to this development will also be dealt with.

ETHICS

Under this heading the moral, social, and business relationships between the dentist and his patient will be discussed, as well as his duty to the public, his fellow practitioner, and himself.

JURISPRUDENCE, DENTAL

Lecturer ALEX. MCT. STALKER

A discussion of the laws governing the practice of dentistry, their necessity, and their purpose.

The responsibility of the dentist under the laws of the Province and his position as defendant in suits for damages and as plaintiff in suits for fees are fully explained.

MATERIALS, DENTAL

Lecturer — DONALD W. HENRY

This course is given to First year students and is designed to be an introduction to the materials used in Dentistry. A short series of lecture-demonstration periods is given. Laboratory periods in co-operation with the technique courses of First year combine the study of chemical and physical properties of the materials with the techniques for handling them.

Methods of testing and assessing materials for dental use, processing and refining these products are discussed, and the requirements of ideal materials are outlined. Specifications for the materials as outlined by the American Dental Association and the U.S. Bureau of Standards are reviewed.

Textbook: E. W. Skinner, The Science of Dental Materials.

MEDICINE

Assistant Professor of Medicine	S. R. TOWNSEND
Clinical Assistant in Medicine, The Montreal Children's Hospital	DONALD HILLMAN
Assistant Professor of Paediatrics	E. M. WORDEN
Associate Professor of Medicine (Dermatology)	L. P. EREAUX
Demonstrator in Obstetrics and Gynecology	F. J. TWEEDIE

This course of 28 lectures is designed to familiarize the dental student with the principles of Medicine. Particular attention is paid to:

(1) The relationship of good prenatal care and proper nutrition during infancy and childhood to dentition and the subsequent health of teeth and gums.

(2) Oral manifestations of systemic disease and the importance of oral health in the successful treatment of certain medical conditions.

(3) Medical complications of dental surgery and their prophylaxis.

METALLURGY

Associate Professor — H. H. YATES

This course is given to Dental students of the Second year by the Metallurgical Department of the University, located in the Physical Sciences Centre.

It consists of fifteen lectures of one hour, and about ten laboratory periods of two hours each.

The lecture course covers:

(1) Introductory lectures on the mechanical, physical and chemical properties of metals, especially in relation to their use in dentistry.

(2) The metallurgical principles of interest to the dentist are discussed, with particular emphasis on factors to be considered in casting, working, alloying, and heat treatment.

(3) The metals and alloys used in dentistry are considered in terms of the above principles. The properties of amalgams and gold alloys, both cast and wrought, are given special attention and the proper care of steel instruments is discussed in terms of the metallurgical behaviour of steels.

Textbook: E. C. Rollason, Metallurgy for Engineers (Edward Arnold).

Reference Books: F. L. Coonan, Principles of Physical Metallurgy; J. O. Lord, Alloy Systems; E. A. Smith, Dental Metallurgy; E. W. Skinner, The Science of Dental Materials; Wulff, Taylor and Shaler, Metallurgy for Engineers.

The Laboratory course includes experimental work with the metals: gold, silver, copper, lead, zinc, tin, aluminum, nickel, iron, and steel.

The metals and some of their alloys are hammered, filed, cut, rolled, heat treated, and tested to determine their important mechanical properties. In some cases chemical properties are investigated briefly.

Pure gold and silver are prepared and dental and other amalgams are prepared and tested.

The course is given during the first term of each session by Professor Yates.

OFFICE PROCEDURE AND PRACTICE MANAGEMENT

Lecturers

JOHNSTON W. ABRAHAM
VICTOR HOUGHTON

This course consists of fifteen lectures given in the Fourth year. The purpose is to enable the undergraduate to understand the problems encountered in the conduct of a successful dental practice. The lectures consider the dentist's personal preparation (mental, moral, and physical); his relation and obligation to the patient, to the public, and to the community; and finally, office location, office management, and records. Advice is offered on dental fee questions, accumulation of a competence, insurance, and investments.

OPERATIVE DENTISTRY

Associate Professor JAMES MCCUTCHEON, *Acting Chairman*

Lecturers

E. R. AMBROSE
ROBERTA P. DUNDASS
MARCEL HÉBERT
HARRY ROSEN

Demonstrators

G. M. DUNDASS
W. R. F. DOHN
G. K. HALE
Z. B. NYESTE
T. C. POSTANS
R. P. W. RYAN
WILLIAM D. SANDERS
J. E. VAN VLIET
JOHN VINCELLI

The purpose of this course is to instruct and train the student in the treatment of all diseases of, and injuries to, the hard tissues of the teeth and the restoration of the anatomy of the tooth in relation to function. Special attention is given to children's dentistry with the aim that operative procedures will have for their object the inhibition of pathologic processes and the maintenance of normal occlusion.

Lectures and laboratory courses in the First and Second years include all the procedures of operative technique.

Lectures on theory in the Third year combined with practical experience at the Dental Clinic in the Third and Fourth years stress the co-ordination of Operative Dentistry with Dental Hygiene, Orthodontics, Periodontia, Endodontia and Prosthetic Dentistry to the end that the student will graduate with adequate knowledge and ability to treat patients of all ages and conditions of life.

Textbooks: G. V. Black, 2 Vols. (Medico-Dental Co., Chicago); McBride, Juvenile Dentistry (Blakiston); Gabel, American Textbook of Operative Dentistry (Lea & Febiger); McGehee, True, Inskipp (Blakiston).

ORTHODONTICS

Professor GERALD FRANKLIN, *Chairman*
Associate Professor M. L. DONIGAN
Lecturer ALBERT J. COLLE
Demonstrator WALTER SWISTON

This course is designed to give the student a knowledge of normal occlusion and of the basic principles underlying the development of malocclusion, its prevention and treatment. It includes lectures, training in technics,

and clinical treatment of patients. Emphasis is placed on orthodontics as an integral part of dentistry and its relation to other branches of general practice. The practical training serves to develop digital skill and to give the student some experience in movement of teeth.

The course extends over the Second, Third, and Fourth years. Its study commences in the First year with the basic sciences including histology and embryology which cover the development, growth, and eruption of the teeth.

SECOND YEAR

In this year the course is devoted to technique. Exercises in wire bending and in freehand soldering are carried out. In addition, each student is required to take upper and lower impressions of a fellow student and to trim the casts according to standard technique.

THIRD YEAR

In this year the course includes appliance technique and lectures. For review, the taking of impressions and the trimming of casts are repeated. Advanced exercises in freehand soldering are completed. This is followed by construction of bands with attachments, labial appliance, space maintainer, guide plane, and bite-plate on typodonts. The lectures cover terminology, normal occlusion and its development, and classification of malocclusion and anchorage.

FOURTH YEAR

In the final year a full course of lectures is given and treatment of patients is carried out by the students.

The lectures cover growth and development, etiology, diagnosis, principles of treatment, and prevention and interception of malocclusion. Pertinent histology and physiology of bone is reviewed with special emphasis on tissue changes incident to tooth movement. The relationship of orthodontics to the practice of general dentistry and children's dentistry is continually indicated.

In the orthodontic clinic patients with simpler malocclusions are assigned to the students. Appliances are designed by the staff and constructed of precious metals by the student who then carries out the treatment under strict supervision. In addition to being responsible for the patient assigned to him, each student is required to observe all the cases being treated in the clinic.

Textbooks: Anderson, Practical Orthodontics, 8th edition (C. V. Mosby); Salzmann, J. A., Orthodontics, Principles and Prevention (J. B. Lippincott Co.); Brash, Aetiology of Irregularity and Malocclusion of the Teeth; Salzmann, J. A., Orthodontics, Practice and Technics (J. B. Lippincott Co.); McCoy, Sheperd, Applied Orthodontics (Lea and Febiger) 7th edition.

PATHOLOGY, GENERAL

Professor G. C. McMillan, *Chairman*
Associate Professor A. C. Ritchie
Lecturers D. S. Kahn
J. R. Stuart
Teaching Fellow E. W. Evans

1. COURSE IN GENERAL PATHOLOGY

A. Two lectures per week (with epidiascopic and microscopic demonstrations) during the 2nd, 3rd, and 4th terms. (48 lectures.)
Drs. Kahn, Stuart and Ritchie

B. Two practical laboratory classes per week during the 3rd and 4th terms. (80 hours practical work.)
Drs. Evans, Kahn, Stuart and Ritchie

Textbooks: Boyd, Text-book of Pathology (Lea & Febiger). Wright, Introduction to Pathology (Longmans Green).

PATHOLOGY AND DIAGNOSIS, ORAL

Associate Professor A. Gerald Racey, *Chairman*
Lecturers Ralph S. Edmison
Lesley A. Gill
John McCarthy

This course is designed to teach the recognition of lesions of the oral cavity and the underlying pathological involvement. The course extends throughout the junior and final years.

In the junior year it includes the study of the developmental defects and malformations of the teeth. Special consideration is given to the study of the etiology, diagnosis, and pathology of dental caries; diseases of the dental pulp; periapical diseases; peridontal diseases; odontogenic cysts; and tumours which commonly occur in the oral cavity. A study is also made of the oral manifestations of certain of the infective granulomata, as well as vitamin deficiencies and endocrine disturbances.

A laboratory course of three hours a week for five weeks is given during the last part of the junior year, where a study is made of the microscopic aspects of these lesions.

In the final year the course consists of a consideration of the signs and symptoms of disease of the hard structures of the teeth, the dental pulp, the peridental membrane and the periapical tissues by means of

roentgenographic examination and interpretation and clinical diagnostic tests. A study is also made of the signs and symptoms of disorders of the oral mucous membrane. Treatment planning in conjunction with the other dental teaching departments is given careful consideration.

The course extends over the entire year and is composed of lectures and practical instructions.

Text Books: Thoma, Oral Pathology; Thoma, Oral and Dental Diagnosis; Kronfeld, Histopathology of the Teeth and Their Surrounding Structures; Miller, Oral Diagnosis and Treatment; Burket, Oral Medicine; Color Atlas of Oral Pathology (Lippincott).

PEDODONTICS

Lecturer ROBERTA DUNDASS, *Chairman*
Demonstrators ROLAND NADEAU
ALBERT J. SCHUTZ
Guest Lecturer HARRY M. SLATER

A course introducing child management, treatment planning, and operative procedures, presented to the Third year. Clinical instruction is conducted throughout the Fourth year.

PERIODONTOLOGY

Associate Professor WALLACE F. WALFORD, *Chairman*
Lecturers PHILIP J. GITNICK
ROBERT F. HARVEY
J. DOUGLAS STEWART

The course, given to the junior and senior years, is designed to give the student a knowledge of the basic principles of oral prophylaxis, diagnosis, and the treatment of periodontal lesions.

The instruction given to the junior year consists of demonstrations of clinical prophylaxis followed by seminars on clinical cases. Laboratory instruction on models of clinical cases is featured during the junior year.

In the final year the course consists of thirty lectures and sixty clinical periods. Immediately following the lecture on any phase of treatment, a clinical period is devoted to application of the subject matter covered in the lecture.

The class is divided into small groups for clinical demonstrations both in the laboratory and upon patients. Each student thus has an opportunity to view, and to ask questions to an extent not possible with larger

groups. Each student has an opportunity to carry out this instruction by treatments, under supervision, of patients in the University Dental Clinic at the Montreal General Hospital.

The clinical outpatient department provides an adequate supply of teaching material of representative periodontal lesions and this is further supplemented by patients referred to the department by local practising dentists.

Textbooks: Glickman, Periodontology; Goldman, Periodontal Therapy.

PHARMACOLOGY, GENERAL

Professor	K. I. Melville, *Chairman*
Associate Professor	D. R. Wood
Assistant Professor	B. G. Benfey
Teaching Fellow	N. R. Eade

A course of twelve lectures concerned with those phases of pharmacology which are of importance in dentistry, supplemented by six laboratory periods.

Textbooks: Krantz and Carr, Goodman and Gilman, or Drill.

PHARMACOLOGY AND THERAPEUTICS, DENTAL

Associate Professor	Wilfred J. Johnston, *Chairman*
Lecturer	Lyman E. Francis

A course for Third year students intended to provide a study of those drugs not covered in the General Pharmacology course which are of particular interest in the treatment of pathological conditions of the oral cavity.

Textbooks: Prinz, Rickert, and Dobbs, Dental Materia Medica and Therapeutics, Accepted Dental Remedies.

PROSTHETIC DENTISTRY

Professor	W. C. Bushell, *Chairman*
Associate Professors	James McCutcheon
	M. A. Rogers
Assistant Professors	W. Howard Boyles
	R. E. Dagg
	P. R. Marchand
Lecturers	A. F. Cameron
	Roland T. Lamb
	W. G. Stockwell

Demonstrators

J. M. CHAMARD
C. H. DUNDASS
J. T. ELO
JOSEPH FINEBERG
F. O. FREDERICK
L. E. KENT
H. L. MUSSELS
P. A. OSTAPOVITCH
A. E. PYE
F. E. SHAMY
H. J. SMART
D. BRUCE WARD

This course covers the teaching of mouth reconstruction in its fullest sense. It includes the examination, diagnosis, and treatment of cases, the preparation of the mouth and teeth, impressions, the technique of constructing various types of crowns, fixed and removable partial dentures, full dentures, and the construction of appliances for the treatment of cleft palate cases.

For convenience in teaching, the course is divided into four parts, namely: Full Dentures, Removable Partial Dentures, Fixed Partial Dentures, Ceramics. The course extends throughout the four years. During the first two years students are given a thorough training in the various techniques on models, etc. The final two years are clinical years and are devoted to lectures at the University and practical work at the Montreal General Hospital. During these years students are required to complete a certain number of the various restorations in the mouths of patients under the supervision of demonstrators.

Textbooks: Edward Kennedy, Partial Dentures (Dental Items of Interest); F. G. Neurohr, Partial Dentures (Lea & Febiger); Schlosser, Complete Denture Prosthesis (Saunders); Gillet and Irving, Inlays by the Indirect System (Dental Items of Interest); Schwartz, Cavity Preparation (Dental Items of Interest); Le Gro, Ceramics in Dentistry (Dental Items of Interest); Felcher, Art of Porcelain in Dentistry; Stanley D. Tylman, Crown and Bridge Prostnesis; Swenson, Complete Dentures (Mosby); Anthony, American Textbook of Prosthetic Dentistry (Lea & Febiger); Schweitzer, Restorative Dentistry (Mosby); Schwartz, Modern Method of Tooth Replacement (Dental Items of Interest); O. C. Applegate, Essentials of Removable Partial Denture Prosthesis (W. B. Saunders).

PHYSIOLOGY

Joseph Morley Drake Professor
F. C. MACINTOSH, *Chairman*

Professor
A. S. V. BURGEN

Associate Professors
B. DELISLE BURNS
HUMBERTO GARCIA-AROCHA

Assistant Professors	Simon Dworkin
	Bernice Grafstein
	Paul Sekelj
	Kathleen G. Terroux
Lecturers	J. Q. Bliss
	G. C. Salmoiraghi

The purpose of this course is to give the student an elementary knowledge of the whole subject of physiology with a more special knowledge of such aspects as bear particularly on the practice of dentistry.

The course consists of three lectures a week from October to May, and fifteen laboratory periods of three hours each.

Textbooks: Best and Taylor, Physiological Basis of Medical Practice; Langley and Cheraskin, Physiological Foundations of Dental Practice; Best and Taylor, The Living Body.

RADIOLOGY

Lecturer	E. S. Dorion, *Chairman*
Demonstrator	Erwin C. Burbank

This course is commenced at the end of the Second year. The student is very definitely warned at the outset of the dangers of over-exposure to radiation and how to avoid it. Emphasis is placed on developing, fixing, and reducing techniques in conjunction with the taking of bite-wing radiographs. The course is related as much as is possible to the Operative Technique course just completed.

During the Third year, the taking and practical application of the full mouth survey on patients in the clinic is emphasized. The student is kept ever mindful of the important relation of this survey to all the departments of dentistry. The course includes practical demonstrations and lectures with slides covering dark room procedure, anatomical landmarks, and interpretation. Students take full mouth surveys of each other and are requested to take any necessary steps to correct defects in their dental condition. Lectures are also given on the medical aspects of X-ray examination.

Fourth year students are given every opportunity to improve their knowledge and radiographic technique in the study of pathological changes and treatment. During this final year, interpretation is stressed in cooperation with the department of Oral Diagnosis.

Textbooks: Ennis, Dental Roentgenology; McCall and Wold, Clinical and Dental Roentgenology; Simpson, Advanced Radiodontic Interpretation.

SURGERY, ORAL

Professor JOHN W. GERRIE, *Chairman*
Associate Professor of Oral Pathology
A. GERALD RACEY
Assistant Professor in Charge of Exodontia
ROGER E. MCMAHON
Assistant Professor S. J. MARTIN
Lecturers in Exodontia JOHN MCCARTHY
ROBERT M. WEINER
Lecturer in Anaesthesia M. A. ROGERS
Demonstrators GEORGE BRABANT
LOUIS EPSTEIN
E. H. JONES
RODNEY A. LEFEBVRE
DAVID MUNRO
D. H. MUHLSTOCK

The course, given during the junior and final years, is designed to make the student proficient in the arts of local anaesthesia and exodontia and to familiarize him with the principles of general surgery and the details of oral surgery including surgical treatment of malignant disease.

Although work in the department is largely clinical, forty-five lectures are given to provide a didactic groundwork. The Dental Clinic, established in the Montreal General Hospital almost 50 years ago, treats over twenty thousand patients yearly and also supplies the necessary dental treatment for patients resident in the hospital. The patients in the medical and surgical services, both indoor and out-patients, are available for teaching. In addition, students attend in groups at the Tumour Clinic where a large series of malignant conditions is demonstrated. Clinical lectures are given in the operating theatres, and ward rounds are conducted in the wards where mouth conditions of interest to dental students are shown.

The larger part of the lecture work is given before Christmas in the junior year. The introductory work in local anaesthesia is completed and an examination held. The student is then introduced to the Exodontia Clinic at the Hospital. Here he is given demonstrations and is required to follow the exodontia practice of the senior students.

The senior year is primarily clinical. In it the didactic work of the Third year is enlarged upon. Students practice in the exodontia clinic daily under the direction of members of the staff and are assisted after Christmas by a junior student. The class attends Oral Surgery Clinics and ward rounds once a week when histories are taken and patients examined. Oral Surgery clinics are held twice weekly at which the more

advanced mouth procedures are carried out. Attendance at these is not compulsory but interesting cases are demonstrated.

Text and Reference Books: Blair and Ivy, Essentials of Oral Surgery; Thoma, Oral Surgery, Volumes 1 and 2; Archer, Oral Surgery; Berger, Principles and Technique of the Removal of Teeth; Ivy and Curtis, Fractures of the Jaws; Winter, Operative Oral Surgery; Nevin and Puterbaugh, Conduction, Infiltration and General Anaesthesia in Dentistry; Parker, Traumatic Injuries of the Face and Jaws; Padgett, Surgical Diseases of the Mouth and Jaws; Thoma, Clinical Pathology of the Jaws; Burket, Oral Medicine; Fry, Shepperd, McLeod and Parfitt, Dental Treatment of Maxilla and Facial Injuries.

CLINICAL FACILITIES

Associate Professor of Clinical Dentistry M. A. ROGERS

The McGill University Dental Clinic is an integral part of the Out-Patient Department of the Montreal General Hospital. The Clinic, newly equipped and occupied on completion of the building in 1955, overlooks the City of Montreal from the slope of Mount Royal. Here, under the guidance of the Clinical Director and his associates in what we believe to be one of the best equipped undergraduate dental teaching clinics in America, students are taught to carry out all phases of Clinical Dentistry and related laboratory procedures.

The Third and Fourth year students attend this Clinic daily except for such time as may be taken up by lectures or other University work. Students entering the Third year must spend the period between the last of the regular May examinations and the end of June in the Clinic.

An abundance of teaching material in all aspects of Dentistry is always available. Integration with the Montreal General Hospital offers the facilities of all departments in that Hospital and allows the students to observe a wide variety of interesting and unusual cases under treatment.

A registered nurse and two resident internes are in attendance at all times.

General anaesthetics are administered in the dental surgery by the Department of Anaesthesiology of the Hospital.

LIBRARY

The Medical Library, which contains all the standard textbooks in the branches of the first two years in Dentistry, has a section dealing exclusively with dental subjects. Standard textbooks and a large number of reference books are in the Dental Section of the Medical Library. Subscriptions are maintained to the major dental periodicals. During the session, students may consult any work of reference in the Library between 9 a.m. and 6 p.m., 7 p.m. and 10 p.m., Saturdays 9 a.m. and 5 p.m.

McGill University

Montreal



Faculty of Law

Chancellor Day Hall

1958-1959

McGill University



Montreal

Faculty of Law

Chancellor Day Hall

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science.)
Institute of Education
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

Faculty of Law

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

W. C. J. Meredith, Q.C., M.A., D.C.L. — *Dean of the Faculty of Law*

John H. Holton, B.Com. — *Secretary of the Board of Governors*

G. A. Grimson, B.Com. — *Comptroller*

Colin M. McDougall, D.S.O., B.A. — *Registrar*

Jean Gabriel Castel, B.S., LL.B., Lic. en Droit, S.J.D. — *Secretary of the Faculty of Law*

Mrs. Phyllis O'Neill — *Assistant-Secretary of the Faculty of Law*

A complete list of the teaching staff of the University, including the Faculty of Law, is printed as a separate announcement which may be obtained from the Registrar's Office.

FACULTY OF LAW OFFICE

CHANCELLOR DAY HALL

3644 Peel Street

Montreal 2

Telephone — VI. 9-9181

GENERAL INFORMATION

COURSE OF STUDY

The Faculty offers a three year course leading to the degree of B.C.L. Students proceeding to the legal and notarial professions are required to take an additional year of practical training and to pass further examinations. The degree course provides a liberal education in legal principles and theory, and prepares students for the legal and notarial professions, as well as for public service and business. In the field of private law, the curriculum is based on the Civil Law system and in particular on the Quebec Civil Code; in the field of public law, stress is laid on Constitutional, International, and Administrative law, and on the new institutions and procedures resulting from the increased role of government in the modern state. The courses given in every case require at least two hours of directed study for every hour of lecture. In addition essays are required in the First and Second years, and a thesis or equivalent additional work in the Third year.

ADMISSION*

Students who have successfully completed two years in the Faculty of Arts and Science at McGill University will be eligible for admission to the Faculty of Law. Other candidates for admission will have to satisfy the Faculty that they have attained an equivalent educational standard, and are intellectually qualified to pursue with advantage the study of law.

Students whose right to enter the Third year of the Arts and Science Faculty is conditional upon their passing supplemental examinations are not eligible for admission to the Faculty of Law.

Women are admitted to the Faculty on the same terms as men, and are eligible for the degree.

The Faculty may admit a limited number of suitable persons to attend selected courses of lectures without matriculation in a University. Such permission will only be granted to applicants who satisfy the Faculty of their capacity to undertake with advantage the study of law. They will not be allowed to proceed to a degree, but will be entitled to receive a certificate specifying the course of study which they have successfully pursued and the class which they have obtained in the examination.

Candidates for admission are required to interview the Dean or the Secretary of the Faculty and to obtain permission to register. In all cases admission is at the discretion of the Faculty.

---

*For students proceeding to the Bar and the notarial profession, see page 2013.

FRENCH

The attention of students is directed to the necessity of being able to read French easily, since many of the works to which they will be referred are written in that language. Reasonable fluency in spoken French is recommended for those who intend to practise in the Courts of this Province.

REGISTRATION

All students must register in person at the office of the University Registrar on Tuesday or Wednesday, September 23rd or 24th.

Students registering later than the prescribed dates will be required to pay a late registration fee of $5 during the first week of the session and $10 during the second. This will not be refunded, except by special permission of the Faculty.

Students must bring with them at the time of registration the evidence necessary to show that they are entitled to admission into the Faculty, if this has not already been furnished. A written acceptance by the Faculty of Law must be presented to the Registrar.

FEES

The regular fees and special fees are given in the General Information Pamphlet included with this Announcement.

DATES FOR PAYMENT

Fees are due and payable at the Accounting Office on Tuesday or Wednesday, September 23rd or 24th, but they may be paid before these dates. The second instalment is due and payable on January 15th. An additional $2 is charged for payment after the specified dates. An instalment fee of $5 is charged when fees are paid in two instalments.

Students registering late must pay their fees when they register, failing which they become subject to the provisions of the above paragraph.

Immediately after the prescribed dates for the payment of fees a list of the registered students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students are not readmitted to any class until advice has been received from the Chief Accountant that the fees have been paid.

PRIZES, SCHOLARSHIPS, AND MEDALS

The *Elizabeth Torrance Gold Medal*, founded in 1864 by Professor John Torrance in memory of his wife, is awarded to the student who obtains the highest marks in the Final Examination.

The *Montreal Bar Association* offers a prize of $50 to the student who obtains the highest standing in Civil Law, and the Junior Bar Association a prize of $15 to the student who obtains the best marks in Civil Procedure in the final year.

The *Alexander Morris Exhibition*, of the value of $50, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the Second year.

The *Chief Justice Robert Alfred Ernest Greenshields Prize in Criminal Law*, founded in 1943 by Mrs. Greenshields in memory of her husband, the late Chief Justice Greenshields, D.C.L., LL.D., for many years Professor of Criminal Law and Dean of the Faculty of Law. The prize will be awarded to the member of the graduating class having the highest standing in Criminal Law throughout the college course.

John E. Crankshaw Prize, established by friends of the late John E. Crankshaw, Q.C., formerly lecturer in Criminal Law at McGill University. The prize consists of an Advocate's Gown, a copy of the Annotated Criminal Code, and, revenue permitting, the year's Bar Fee. It is to be awarded to the student who has obtained the highest standing in Criminal Law subjects at McGill University and has passed his final examination for admission to the Bar of the Province of Quebec.

The *Adolphe Mailhiot Prize*, established by Mr. and Mrs. J. N. Mailhiot of Victoriaville, P.Q., in 1927, consists of a prize of law books to be given annually to a student selected by the Faculty.

The *Macdonald Travelling Scholarship* was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is approximately $1,000. The scholar elected is required to pursue a year's study in the Law Faculty of a French University approved, in each case, by the Faculty. The award is made at the discretion of the Faculty to a student of the graduating class proceeding to the Bar, who has obtained first or second class honours in the final examination, and who would be unable without such financial help to spend a year in France. The Faculty interprets the will of the late Sir William Macdonald as intending that the Scholarship be awarded only to students preparing for practice as advocates in the Province of Quebec. Under the present regulations the Scholarship must be used in the year in which it is awarded.

The *Edwin Botsford Busteed Scholarship* was founded by the will of the late Mrs. Busteed in memory of her husband, Edwin Botsford Busteed, K.C., B.A., B.C.L., and will be awarded to an applicant, chosen by the Faculty, who desires to carry out graduate research on some

subject connected with the law of Quebec and approved by the Faculty. The value of the scholarship is approximately $240.

The *Thomas Alexander Rowat Scholarship* was founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. The value of the scholarship is approximately $125. It is awarded in alternate years for proficiency in the French language and in the old French law.

The *Charles Albert Nutting Prize* was founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting, Q.C., B.C.L., who graduated from this Faculty in 1872. The value of the prize is approximately $70. It is awarded to the student in the First or Second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

The *I.M.E. Prize in Commercial Law* was established by Mr. George S. McFadden Q.C. and consists of $70 in law books awarded annually to the member of the graduating class having the highest standing in Commercial Law throughout the course.

The *Carswell Company Prizes*, consisting of two sets of books valued at $30 each, are awarded to first or second year students at the discretion of the Faculty. These prizes were established in 1948 by the Carswell Company of Toronto.

The *Reading Society Prize*, established in 1952 by the Reading Society of Montreal, consists of $50 to be awarded annually to the student who obtains the highest standing in the First year.

The *Chief Justice R. A. E. Greenshields Memorial Scholarships* were founded by the will of the late Mrs. R. A. E. Greenshields in memory of her husband, the late Chief Justice Greenshields, D.C.L., LL.D., for many years professor of Criminal Law and Dean of the Faculty of Law. Two scholarships of the value of $400 each are awarded annually to students entering the Faculty of Law and are renewable in each of the two upper years leading to the Bachelor of Civil Law degree, provided that the student's conduct is satisfactory and that he maintains at least a high Second Class standing, or in the opinion of the Faculty is for other reasons entitled to its renewal. Candidates must satisfy the regular requirements for admission to the Faculty, must have earned a scholastic standing of at least high Second Class, and preferably First Class at the University or Institution which they previously attended, and must furnish evidence of the necessity of financial assistance in order to be able to take up the study of law. Although fluency in both English and French is not essential, preference will normally be given to an applicant who has a good working knowledge of both languages.

The *I. Ballon Memorial Medal* was established in 1955 by Mrs. I. Ballon in memory of her husband, the late Isidore Ballon, B.A. 1907, B.C.L. 1908, and is awarded annually to the most outstanding student on the Board of Editors of the McGill Law Journal.

The *H. E. Herschorn Prize* consists of $100 to be given annually by Mr. H. E. Herschorn, N.P., B.A. 1911, B.C.L. 1914, and awarded to the highest ranking student of the graduating class who intends to enter the Notarial profession.

The *Alexander Scholarship*, consisting of $45 was established in 1950 under the will of the late Maurice Alexander, C.M.G., K.C., of London, England, as a token of esteem for the late Sir Charles Peers Davidson, former Professor of Criminal Law at McGill University. It is awarded annually to a student selected by the Faculty.

The *Lyon W. Jacobs Bursary*. Established in November, 1957 by donations totalling $500 from the son and daughters of Mr. Lyon W. Jacobs, Q.C. in honour of their father. This fund is to be used to provide an annual $100 award to a Second or Third year law student who, in the opinion of the Faculty of Law shows the most progress in his studies and is also in financial need.

The *Faculty Essay Prizes* consist of two prizes of $25 each and are awarded annually to the students writing the best essays in the Third year.

The *A. Fleming Loan Fund* was established in 1954 by Mr. A. Fleming to aid students in the Faculty of Law. Application should be made to the Dean.

Students in the Faculty are eligible for *University Scholarships*. For particulars see the Scholarships Announcement.

No medals, prizes, or scholarships will be awarded, if in the opinion of the Faculty there is no candidate of sufficient merit.

SCHOLARSHIPS ANNOUNCEMENT

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

DEGREES

B.C.L.

The degree granted in the Faculty is that of Bachelor of Civil Law. The course covers three years.

M.C.L.

The degree of Master of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research for advanced study in law. The candidate must have the degree of B.C.L. from McGill or its equivalent, and must have obtained at least second class honours in the subject which he proposes to study and in the course as a whole. He must spend at least one year in resident study and present a thesis on some topic connected with his subject. The complete regulations governing this degree are given in the Announcement of the Faculty of Graduate Studies and Research.

LL.M.

The degree of Master of Laws is granted under the authority of the Faculty of Graduate Studies and Research for studies in the field of International Air Law. The requirements for this degree are summarized on page 2014 of this Announcement.

LIBRARY

The Law Library of the University at present contains over 30,000 volumes, and is located in Chancellor Day Hall. The principal law reports of Canada, the United Kingdom, and France are included, as well as a selection of reports from the United States and elsewhere.

Books will be loaned by the library, but fines are assessed for books overdue.

The Redpath Library, the general University library, is also available for the use of Law students.

EXAMINATIONS

*Examinations will be held:

(a) At the end of the First year, covering the year's work.

(b) At the end of the Second year, covering the Second year's work.

(c) At the end of the Third year, on the work of the Third year.

Special tests may be required by the Faculty at any time.

At all examinations in the Faculty students are at liberty to write their answers either in English or in French.

*These requirements are subject to alteration by the Faculty, of which notice will be given.

CLASSIFICATION OF MARKS

Class I	80–100%
Class II	70– 79%
Class III	50– 69%

In order to pass a student must have an overall average of 60%.

SPECIAL EXAMINATIONS

(a) Students are not allowed the privilege of writing supplemental examinations. Special examinations may be set in the event of illness at the time of examination and in analogous cases.

(b) All applications for special examinations must be made to the Dean in writing and must reach his office before July 1st.

(c) The prescribed fees must accompany the written application and are payable to McGill University. Fees for special examinations will be ten dollars for each paper, with a maximum charge of fifty dollars. If the Third year essay is not accepted, in addition to the foregoing, a charge of $10 for reading the revised essay will be made.

(d) Students will only be permitted to repeat a year at the discretion of the Faculty.

GRADUATING ESSAY AND OPTIONS

In addition to passing examinations, students must submit, not later than the 15th of January of their Third year, an essay of not less than ten thousand words on a subject set by the Faculty. They must also take one of the seminars offered to Third year and graduate students.*

CURRICULUM**

FIRST YEAR

INTRODUCTION TO THE STUDY OF LAW

One hour throughout the session. *Professor Louis Baudouin*

ROMAN LAW

Three hours throughout the session. *Dr. J. G. Gazdik*

*McGill Law Journal editors are exempt from this requirement.

**This curriculum is based on the requirements laid down by the Bar of the Province of Quebec, and is subject to revision without notice.

CIVIL LAW

(a) Persons and Property. *Professor Louis Baudouin*
Three hours throughout the session.

(b) Obligations I.
Two hours, one term. *Professor J. G. Castel*

CRIMINAL LAW

Two hours throughout the session. *Professor R. I. Cheffins*
Mr. Joseph Cohen, Q.C.

LEGAL HISTORY

One hour throughout the session. *Professor Charles E. Bissonnette*

CONSTITUTIONAL LAW

Two hours, one term.
One hour, the other term. *Professors F. R. Scott and R. I. Cheffins*

LEGAL METHOD

One hour throughout the session. *Professors Maxwell Cohen and R. I. Cheffins*

CIVIL PROCEDURE I

Two hours, one term. *Mr. James A. Soden*

INTRODUCTION TO THE LAW OF EVIDENCE

One hour, one term. *Dean W. C. J. Meredith, Q.C.*

SECOND YEAR

CIVIL LAW

(a) Obligations II.
Three hours throughout the session. *Professor J. G. Castel*

(b) Sale, Lease and Hire, Mandate, Partnership, and Minor Contracts.
Two hours, one term. *Professor G. E. LeDain*

CIVIL PROCEDURE II

Two hours, one term. *Mr. Justice G. S. Challies*

COMMERCIAL LAW

Including Negotiable Instruments, Banking, Carriers and Insurance.
Four hours throughout the session. *Professor G. E. LeDain*

CONSTITUTIONAL LAW

Two hours throughout the session. *Professor F. R. Scott*

CRIMINAL PROCEDURE AND EVIDENCE
Two hours, one term.
One hour, the other term.
Mr. Joseph Cohen, Q.C.

INTERNATIONAL LAW
Two hours throughout the session.
Professor Maxwell Cohen

THIRD YEAR

CIVIL LAW
(a) Privileges, Hypothecs, Registration, and Prescription.
Two hours, one term.
(b) Marriage Covenants, Successions, Gifts, Wills, Substitutions, and Trusts.
Two hours throughout the session.
Professor Charles E. Bissonnette

COMPANY LAW
One hour throughout the session.
Mr. P. F. Vineberg

CIVIL PROCEDURE III
Two hours throughout the session
Dean W. C. J. Meredith, Q.C.

PRIVATE INTERNATIONAL LAW
Two hours throughout the session.
Professor J. G. Castel

JURISPRUDENCE
Two hours throughout the session.
Professor Maxwell Cohen

ADMINISTRATIVE LAW (Including Municipal, School, and Parish Law)
Two hours throughout the session.
Professors F. R. Scott and G. E. LeDain

INDUSTRIAL LAW
One hour throughout the session.
Mr. Marc Lapointe

TAXATION
One hour throughout the session.
Mr. A. L. Bissonette

EVIDENCE
One hour, one term.
Mr. Justice G. R. W. Owen

MARITIME LAW
One hour, one term.
Mr. Justice G. R. W. Owen

BANKRUPTCY
One hour throughout the session.
Mr. W. J. McQuillan

THIRD YEAR AND GRADUATE SEMINARS

COMPARATIVE LAW

Two hours throughout the session. *Professor Louis Baudouin*

BASIC PROBLEMS IN CANADIAN CONSTITUTIONAL LAW

Two hours throughout the session. *Professor F. R. Scott*

THE LAW AND CONSTITUTION OF INTERNATIONAL ORGANIZATIONS

Two hours throughout the session. *Professor Maxwell Cohen*

LEGAL PROBLEMS IN GOVERNMENT CONTROL OF BUSINESS

Two hours throughout the session. *Professor Maxwell Cohen*

FOURTH YEAR

Although students may be granted the degree of B.C.L. at the end of their Third year, those who are candidates for admission to the Bar and to the Notarial profession of Quebec are now required to take a fourth year.

The Fourth year for students proceeding to the Bar is directed by the Dean. The course consists of practical instruction in the following subjects:

(a) Lectures and seminar instruction in drafting of legal documents and opinions, and practical instruction in Civil Law, Civil Procedure, Criminal Law and Procedure, Parliamentary Procedure, Company Law, Accountancy, Municipal Law, Taxation Law, and Legal Ethics and Professional Organization. Practical instruction in these subjects is given by the Dean and by twenty-seven practitioners.

(b) Trial Technique in Civil and Criminal Matters.

(c) Practical training in selected law offices or in Judges' Chambers.

ADMISSION TO THE LEGAL PROFESSION IN QUEBEC

Candidates proceeding to the Quebec Bar must be Canadian citizens and hold the degree of B.A. from a Canadian university or a university or college of which the degree is recognized jointly by Laval, McGill, Montreal, Ottawa, and Sherbrooke Universities, and in addition by the Bar. They must also satisfy the Bar Examiners that they have successfully completed "the regular course in philosophy" in an approved university. The philosophy course may, with permission from the Faculty, be taken concurrently with the law course.

Candidates for admission to the Notarial profession in Quebec must be Canadian citizens and hold the degree of B.A. from Laval, McGill, Montreal or Ottawa Universities, or another university or college of

which the diploma is recognized as equivalent by one of them, for the admission to its law course. They are required to have studied Latin and Philosophy.

In addition to the university fees for the law course, candidates are required to pay special fees for admission to the Bar or the Notarial profession.

In view of periodic amendments to the Notarial and Bar Acts, candidates are warned that they should not rely on the brief summary of requirements contained in this Accouncement but should consult the following representatives of the Bar and Notarial profession before admission to the Faculty. Information regarding admission to the Bar may be obtained by applying to Mr. Charles Coderre, Q.C., Room 608, Montreal Tramways Building, 159 Craig Street West, Montreal, or by consulting the Bar Act of the Province of Quebec. Information regarding admission to the Notarial profession may be obtained by applying to Mr. Arthur Courtois, N.P., Room 320, New Court House, Montreal, or by consulting the Notarial Code, 1941, R.S.Q., chap. 263 (as amended).

INSTITUTE OF INTERNATIONAL AIR LAW

This Institute operates within the Faculty of Law. Its Director is Dr. Eugène Pépin.

The purpose of the Institute is to provide facilities for advanced study in International Air Law for qualified Law graduates, and also to provide an academic organization for fundamental research in this field.

The course of study normally requires two years' residence at the Institute, but those candidates whose work during the First year is, in the Director's opinion, satisfactory, may be permitted during the Second year to offer a thesis *in absentia* on an approved subject within the field of the Institute's work. If the thesis is accepted, the candidate will receive the degree of LL.M.

The annual fee for the course in residence (excluding living expenses in Montreal) is $400, plus an additional fee of $25 payable at the time of filing a thesis *in absentia*. Students in residence also pay a fee of $6 for students' activities.

Applicants for admission must hold a Law degree from an approved Law School in any part of the world, or must have been admitted to the practice of Law, but those having a working knowledge of the English and French languages will be given preference. All candidates must

present evidence of the subjects covered in their prior Law studies and of their scholastic standing.

The course commences on the first Monday of October in each year. but candidates should be in residence not later than the preceding Monday. Application forms and curricula are available at the Faculty of Law office,

McGILL LAW JOURNAL

The McGill Law Journal is managed and edited by a board of students of the Faculty of Law. Scholarship and literary capacity determine the group of students who are selected as members of the editorial board. The Journal is a recognized activity of the Faculty of Law and is designed particularly to promote understanding in the common law world of the Quebec civil law system.

McGill University



Montreal

Faculty of Music

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement

School Certificate Examinations

Scholarships, Bursaries, and Loan Funds

Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)

Faculty of Medicine

Faculty of Medicine Postgraduate Courses

Faculty of Dentistry

Faculty of Engineering (Degrees in Engineering and in Architecture.)

Faculty of Law

Faculty of Music

Faculty of Divinity

Faculty of Graduate Studies and Research

School of Commerce

Institute of Education

Library School

School for Graduate Nurses

School of Physical and Occupational Therapy

School of Social Work

Macdonald College (Faculty of Agriculture and School of Household Science.)

French Summer School

Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

INDEX

	Page
Academic Courses	2135
Administrative Officers	2105
Admission Requirements	2112
Attendance Regulations	2115
Auditions	2112
Classes of Student	2113
Classification of Marks	2113
Courses of Instruction:	
Department of Keyboard and Vocal Music	2138
" " Orchestral Instruments	2150
" " Theory	2128
Elective Courses:	
Department of Keyboard and Vocal Music	2149
" " Theory	2133
Ensemble Courses:	
Department of Keyboard and Vocal Music	2147
" " Orchestral Instruments	2162
Examinations	2113
Facilities	2108
Fees	2114
General Statement	2110
Junior Department of the Conservatorium of Music	2163
Local Centres	2163
Local Centres (listed)	2197
Programme of Studies in the Conservatorium of Music— Senior Department	2126
Programme of Studies in the Faculty of Music:	
Mus.B. Degree in Composition	2116
" " " Performance	2118
" " " School Music	2125
Recent Events	2108
Scholarships Awarded	2109
School for Teachers Courses	2134
Teaching Staff	2106
Transfer of Credits	2112

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office:

Announcements of Faculties and Schools as follows:

General Announcement

School Certificate Examinations

Scholarships, Bursaries, and Loan Funds

Faculty of Arts and Science (Degrees in Arts and Science. There is a separate announcement for the School of Commerce.)

Faculty of Medicine

Faculty of Medicine Postgraduate Courses

Faculty of Dentistry

Faculty of Engineering (Degrees in Engineering and Architecture.)

Faculty of Law

Faculty of Music

Faculty of Divinity

Faculty of Graduate Studies and Research

School of Commerce

Institute of Education

Library School

School for Graduate Nurses

School of Physical and Occupational Therapy

School of Social Work

Macdonald College (Faculty of Agriculture and School of Household Science)

French Summer Courses

Extension Courses

Recent Events (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Directory of Staff

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

Faculty and Conservatorium of Music

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. . . . . *Principal*

David L. Thomson, B.Sc., M.A. (Aberdeen), Ph.D. (Cantab.), LL.D. (Aberdeen and Middlesbury), F.C.I.C., F.R.S.C. . . . . *Vice-Principal*

Marvin Duchow, Mus.B., B.A. (N.Y.U.), M.A. (Rochester) . . . . *Dean of the Faculty of Music*

Jack Waud, L.Mus., Mus.B. . . . . *Secretary of the Faculty of Music*

William Bentley, C.G.A., F.C.I.S. . . . . *Bursar and Secretary of the Board of Governors*

G. A. Grimson, B.Com. . . . . *Comptroller*

Colin M. McDougall, D.S.O., B.A. . . . . *Registrar*

MEMBERS OF THE FACULTY

The Dean

The Principal

The Vice-Principal

H. N. Fieldhouse, B.A. (Oxon.), M.A. (Sheffield), F.R.S.C. . . . . *Dean of the Faculty of Arts and Science*

Helmut Blume, Mus.B. (Berlin) . . . . . *Chairman, Department of Keyboard and Vocal Music*

Alexander Brott, L.Mus. . . . . *Chairman, Department of Orchestral Instruments*

F. K. Hanson, Mus.D. . . . . *Professor of Education (Music) in the School for Teachers*

Office — 3450 Drummond St., Montreal 25

All communications should be sent to the Secretary of the Faculty of Music at the above address.

TEACHING STAFF OF THE FACULTY AND CONSERVATORIUM OF MUSIC

DEPARTMENT OF THEORY

Professor — The Dean, *Chairman*
Associate Professors — Helmut Blume; Alexander Brott; Istvan Anhalt
Assistant Professor — Shirley Byers
Instructors — Neil Chotem; Kelsey Jones; Ria Heyninx-Lenssens; Kenneth Meek; Alice Postner

DEPARTMENT OF KEYBOARD AND VOCAL MUSIC

Associate Professor — Helmut Blume, *Chairman*
Instructors

PIANO

Ellen Ballon (Master Class)

Eva Baltas; Shirley Byers; Neil Chotem; Mary Corish; Lawrence Dennis; Rose Goldblatt; Edna Marie Hawkin; Samuel Levitan; Gian Lyman; Kenneth Meek; Dorothy Morton; Phillips Motley; Charles Reiner; Elizabeth Schwob-Morton; James B. Speirs; Lubomyra Zuk

ORGAN

Gian Lyman; Kenneth Meek — Phillips Motley

HARPSICHORD

Kelsey Jones

SINGING

Bernard Diamant; Ria Heyninx-Lenssens; Jean L. Millar — Edith della Pergola; Luciano della Pergola

OPERA CLASSES

Bernard Diamant; Ria Heyninx-Lenssens; Jean L. Millar — Edith della Pergola; Luciano della Pergola; Gilles Potvin

CHOIRMASTER'S TRAINING

George Little

PEDAGOGY

Edna Marie Hawkin; Kenneth Meek — Jean L. Millar; Gifford Mitchell

RADIO PROGRAMMING AND PRODUCTION

Carl Little — Donald McGill

CONSERVATORIUM CHOIR

George Little

DEPARTMENT OF ORCHESTRAL INSTRUMENTS

Associate Professor ALEXANDER BROTT, *Chairman*

Instructors

VIOLIN

HYMAN BRESS
ARTHUR GARAMI
D'ARCY SHEA

VIOLA

OTTO JOACHIM
STEPHEN KONDAKS
LUCIEN ROBERT

CELLO

LOTTA BROTT
WALTER JOACHIM
YVETTE LAMONTAGNE

DOUBLE BASS

ROGER CHARBONNEAU
NATALIE CLAIR

FLUTE

HERVE BAILLARGEON
MARIO DUSCHESNES

RECORDER

MARIO DUSCHESNES

OBOE

REAL GAGNIER
ARTHUR ROMANO

ENGLISH HORN

ARTHUR ROMANO

SAXOPHONE

ARTHUR ROMANO

CLARINET

RALPH MASELLA

BASSOON

RUDOLPH MASELLA

TRUMPET

GEORGE JONES
JACQUES LECOMTE

FRENCH HORN

JOSEPH MASELLA

TROMBONE AND TUBA

JOSEPH BELL
JOSEPH ZUSKIN

HARP

DOROTHY WELDON

PERCUSSION

LOUIS CHARBONNEAU
MICHEL PERREAULT

PEDAGOGY

ALEXANDER BROTT AND STAFF

CHAMBER MUSIC AND CONSERVATORIUM ORCHESTRA

ALEXANDER BROTT

SCHOOL MUSIC CLASSES

Professor FRANK HANSON

FACILITIES

The McGill Faculty of Music is situated at 3450 Drummond Street, above Sherbrooke Street, where are located both the administrative offices and the teaching quarters of the Faculty and of the Conservatorium of Music. Facilities include a number of practice and teaching studios with piano, and one studio with small organ, all of which may be used both by regular and partial students at a nominal charge. A studio equipped with tape recorder, microphone, and instrument panel, is primarily intended for the use of radio classes, but is also available to advanced instrumental and vocal students for instructional purposes. A small undergraduate music library comprises: (a) record collections donated by the Carnegie Foundation, the London Gramophone Corporation, and the British Council; (b) a representative collection of standard chamber music, orchestral, choral and piano scores, as well as a nucleus of historical editions and a reference shelf.

For the presentation of senior student recitals, orchestral and choral concerts, special lectures, and similar events, the Faculty of Music enjoys the use of nearby Redpath and Moyse Halls, both of which are located on the main campus. The music section of Redpath Library, which is also located on the main campus, offers additional valuable resources to the students of the Faculty of Music. There the student will find a moderately large miscellaneous collection embracing such fields as musical biography, history, theory, aesthetics, and other subjects, as well as the noteworthy Donalda Collection of nineteenth century operatic scores.

The Conservatorium of Music holds periodic junior student recitals. Events planned by the Faculty and Conservatorium for the session of 1957-58 are: (a) a series of Campus Concerts held fortnightly on Mondays between 1 and 2 p.m., featuring senior students; (b) a series of Faculty Recitals; (c) operatic performances. The Faculty of Music will also sponsor a series of public lectures by eminent authorities on subjects of specialized, as well as of more popular, interest.

RECENT EVENTS

LECTURES

University Lectures (Moyse Hall)
- Abram Chasins
- Norman Dello Joio
- Winifred Ferrier
- Howard Hanson
- Paul Henry Lang
- Denis Matthews
- Deems Taylor

CONCERTS (Redpath Hall)

Campus Concerts
Faculty Recitals

OPERATIC PERFORMANCES

Cimarosa: The Secret Marriage

SCHOLARSHIPS AWARDED

Macdonald Memorial Scholarships	Mary Blaikie	Pianoforte
	Gail Gunning	Clarinet
	Greta Jones	Pianoforte
	Pierre Perron	Organ
	Svetlana Rajewsky	Singing
Peterson Memorial Scholarships	Esther Berger	Pianoforte
	Gail Grimstead	Flute
	Monique Renaud	Singing
	Claude Wagelin	Singing
	Maureen Wark	Singing
Block Scholarship	Fanny Levitan	Pianoforte
Ballon Scholarship	Eric Paci	Pianoforte
Donalda Prize	Ann Golden	Singing
	William Kelly	Singing
	George Morgan	Singing
Magor Scholarship	Lessy Ashkenazi	General Proficiency
	Wayne Riddell	General Proficiency
Ressler Scholarship	Edna Ginsberg	Violin
	Lise Sansfacon	Violin

SCHOLARSHIPS AND BURSARIES

Details of Scholarships and Bursaries will be found in the Scholarships, Bursaries, Prizes and Medals Announcement, issued by the University and obtainable at the Registrar's Office.

GENERAL STATEMENT

The McGill Faculty and Conservatorium of Music provide instruction in both the practical and theoretical fields of music. Faculty and Conservatorium, while sharing staff and facilities in common, maintain their distinctive functions and internal structure.

FACULTY

The Faculty of Music offers a four-year course of instruction leading to the degree of Bachelor of Music (Mus. B.). The programme of studies provides for specialization in the following fields:

(a) *Composition*

(b) *Performance*

(c) *School Music*

Candidates for the Mus. B. degree in Composition share a large number of theoretical courses with those in the remaining fields of specialization during the first and second years. More intensive theoretical training is reserved for the third and fourth years of the Composition programme.

In the field of Performance, candidates may qualify for the Mus. B. degree in any one of five programmes of study:

I Piano
II Organ
III Stringed or Orchestral Instruments
IV Voice A (Concert: Lied — Oratorio)
V Voice B (Opera)

A Professional Instructors' course is available as an option in the third and fourth years of Piano, Organ, and Stringed Instruments (Violin, Viola, Cello only), and in the second, third, and fourth years of Voice. For further particulars refer to page 2125.

The music courses required for the Mus. B. degree in School Music are concentrated in the first three years of study. The fourth year, designated School for Teachers, is taken at Macdonald College. It comprises the complete programme of education courses required for the degree.

Available to all degree candidates are a large number of ensemble and fourth year elective courses in the following fields:

Orchestra
Choir
Choirmasters' Training (Collegium Musicum, Choral Conducting and Church Choral Music)
Chamber Music
Piano Ensemble
Piano Accompaniment
Opera (Acting, Staging, Coaching)
Radio (Music Production, Programming, Announcing, Radio Composition)
Pedagogy

A selected group of these courses forms a part of each required curriculum.

As previously noted, considerable emphasis is placed upon the theoretical and historical aspects of music study in each of the three fields of specialization. Important as a basis for expert musicianship, this training is equally valuable as an intellectual and humanistic discipline. It also facilitates transference from one to another field of specialization in that it calls for a large common segment of courses in the first and in the second year. An academic continuation course also forms part of the Mus. B. curriculum.

CONSERVATORIUM

The McGill Conservatorium of Music comprises a Senior and a Junior Department. In addition to its function as an institution offering courses of musical instruction, the McGill Conservatorium exists as an examining body holding annual examinations in both practical and theoretical subjects at various local centres throughout the Dominion.

SENIOR DEPARTMENT

The Senior Department of the McGill Conservatorium offers courses of instruction leading to the diploma of Associate in Music (A. Mus.), and to that of Licentiate in Music (L. Mus.). The diploma of Associate is awarded at the conclusion of the first year of study; that of Licentiate at the conclusion of the third.

The diplomas of Associate and Licentiate are available in the field of Performance only. Candidates may qualify in any one of the five instrumental or vocal areas open to Mus. B. candidates in that field. The curriculum of studies leading to these diplomas differs from that of the degree course in Performance in that it permits maximum concentration upon practical studies with lesser emphasis upon theoretical subjects. An ensemble requirement is included in both the first and second years of the Licentiate course.

JUNIOR DEPARTMENT

Information pertaining to the Junior Department of the Conservatorium will be found on page 2163 following.

LOCAL CENTRES

Information pertaining to the Local Centre examinations will be found on page 2164.

ADMISSIONS

All applications for admission to the Faculty or the Conservatorium of Music must be directed to the Secretary of the Faculty of Music, McGill University, 3450 Drummond Street, Montreal 25, Que. (Tel: VIctor 9-9181, Local 482.)

ADMISSION REQUIREMENTS

FACULTY

In order to qualify for admission to the Faculty of Music, the candidate must pass (that is, obtain a minimum of fifty per cent) in each of the ten McGill School Certificate examinations listed below, and must achieve an average mark of sixty-five per cent in the ten examinations combined.

Matriculation Subject	Number of Papers
English	2
General History	1
Language — One of the following: French, German, Spanish, Latin, Greek	2
Elementary Algebra or Geometry	1
Music — Practical: Instrument or Voice 9 for candidates seeking admission to the Mus. B. programme in either Composition or School Music; Instrument or Voice 11 for Mus. B. in Performance — Theoretical: Theory 9	1
Electives — Three of the following: Biology, Botany, Chemistry, Art, Geography, Physics, Intermediate Algebra, Trigonometry, Canadian History *or* British History, a foreign language not already chosen	3

CONSERVATORIUM (SENIOR DEPARTMENT)

Requirements for admission to the first (Associate) year of the Senior Department are:

Academic Subjects: High School Leaving Examinations. (N.B. North American Literature is available as an elective to candidates who wish to qualify for admission to the Associate course.)

Musical Subjects: — Practical Instrument or Voice 11
— Theoretical: Theory 9

The requirement for admission to the second (first Licentiate) year of the Senior Department is the diploma of Associate in Music.

TRANSFER OF CREDITS — AUDITIONS

FACULTY AND CONSERVATORIUM (SENIOR DEPARTMENT)

Applicants with music credits from other universities or music schools must submit to the Secretary of the Faculty of Music an official transcript of their record. This should be done well in advance of the date of registration. Also required is an audition in the practical subject. Auditions are held during the second and third weeks of September.

CLASSES OF STUDENT

FACULTY AND CONSERVATORIUM (SENIOR DEPARTMENT)

Students are registered as:

(a) **Regular Undergraduates.** These are students who have the complete requirements for admission to either the Faculty or the Senior Department of the Conservatorium, and who are following the regular programme of studies of their year towards either the Mus. B. degree or the diplomas of A. Mus. or L. Mus.

(b) **Limited Undergraduates.** These are students who have the complete requirements for admission to either the Faculty or the Senior Department of the Conservatorium but who, because of ill-health or other circumstance, are unable to complete their degree work in the required number of years. Such students may, with the Dean's permission, extend their course beyond the required period, but must complete it within: (a) eight years for the Mus. B., (b) six years for the L. Mus.

(c) **Partial Students.** These are students who are not registered as proceeding to a degree or diploma, but who are permitted to take one or more courses. Partial students in practical subjects may not register for less than one term, and must notify the Secretary at least two weeks before the end of the term if they wish to discontinue lessons.

EXAMINATIONS

FACULTY AND CONSERVATORIUM (SENIOR DEPARTMENT)

Sessional Examinations

Final sessional examinations in all theoretical subjects are held in late April and early May. Examinations in all practical subjects take place during the first three weeks of May.

Deferred Examinations

Deferred practical examinations are permitted only in case of illness or other exceptional circumstances. A written request for the deferment of examination must be submitted to the Dean.

Supplemental Examinations

Students who have failed to obtain the passing grade of 60% in any written examination have the choice of: (a) passing a supplemental examination in that subject in the fall; (b) repeating the course.

CLASSIFICATION OF MARKS

FACULTY AND CONSERVATORIUM (SENIOR DEPARTMENT)

100—85%	First Class
84—70%	Second Class
69—60%	Third Class
Below 60%	Failure

FEES

TUITION FEES

N.B. The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require

FACULTY AND CONSERVATORIUM (SENIOR DEPARTMENT)

Regular Students: The fee for the course leading to the Mus. B. degree varies according to the field of specialization selected. The fees are as follows:

Mus. B. in Composition	$500 per session
" " " Performance	600 " "
" " " School Music, (First, Second, and Third Years)	500 " "
" " " School Music (Fourth Year)—Consult special announcement of School for Teachers.	

Fees for courses leading to the diplomas of Associate and Licentiate in Music are as follows:

A. Mus.	$400 per session
L. Mus.	450 " "

The annual fees for regular students also cover fees for the degree or diploma examinations at the end of the session, as well as fees for library and athletic privileges, the latter including required Physical Education, Student Health Service, and admission to home games under the control of the Athletics Board, except those of the senior football and hockey teams.

The above fees include the student activity fee of $15.

Limited Undergraduate and Partial Students. Fees for individual courses in either the Faculty of Music or the Senior Department of the Conservatorium are as follows:

ENSEMBLE COURSES:

Orchestra and Choir	no fee
Piano Accompaniment	$75 per session
Repertory Coaching	75 " "
All other ensemble courses	50 " "

ELECTIVE COURSES:

Radio Composition	$90 per session
Organ Repertoire	75 " "
Piano Repertoire	75 " "
All other elective courses	50 " "

THEORETICAL COURSES:

Aural Training, Harmony, and History and Analysis	$90 per session
Composition, Conducting, Counterpoint, and Orchestration	50 " "

PRACTICAL COURSES:

Piano, Organ, Harpsichord, Voice, Violin, Viola, and Cello	$288 per session
All other instruments	216 " "

NOTE: Tuition fees pertaining to courses in the Junior Department of the Conservatorium are listed on page 2165.

EXAMINATION FEES

FACULTY AND CONSERVATORIUM (SENIOR DEPARTMENT)

Examination fees for Limited Undergraduates and for Partial Students are $10 for each theoretical and $15 for each practical examination.

NOTE: Examination fees pertaining to courses in the Junior Department of the Conservatorium are listed on page 2165.

DATES OF PAYMENT:

TUITION FEES

The University does not issue bills for fees. Fees are due and payable at the Chief Accountant's Office between the hours of 9 a.m. and 4 p.m. (Saturday 9 a.m. to 11 a.m.) on or before October 1st.

Remittance may be made by mail in which case cheques or money orders should be made payable to McGill University, and addressed to the Cashier, Accounting Department, McGill University, Montreal 2, P.Q.

Fees may be paid in two instalments, one at the beginning of the session, the other not later than January 15th. In such cases, the instalment fee of $5 is charged.

Special fees and penalties for late payment are shown in the General Information pamphlet which accompanies this announcement.

EXAMINATION FEES

All examination fees, including those for local centre examinations, must be paid in advance to the Secretary of the Faculty of Music, McGill University. In the case of local centre examinations, forms of application duly filled in by the candidate and accompanied by the examination fee must reach the Secretary in Montreal on or before April 1st.

ATTENDANCE REGULATIONS

1. All students are required to be punctual at all classes and lessons.
2. The attendance register must be signed by the student after each lesson in a practical subject.
3. Lessons in practical subjects missed in consequence of the instructor's absence will be made up at the mutual convenience of instructor and pupil. Lessons missed in consequence of the pupil's absence will be made up only if notice of cancellation has been given forty-eight hours in advance, or if a doctor's certificate is produced.

4. A maximum of unexcused absences comprising one-eighth of the total number of lectures will be permitted in any given degree or diploma course. Excuses for absence in excess of that number must be submitted to the Dean. These will be found acceptable only on grounds of illness (in which case a proper medical certificate is required), or in similar warranted circumstances. Unexcused absences in excess of the number allowed will result in the loss of examination privilege.

PROGRAMME OF STUDIES IN THE FACULTY OF MUSIC

MUS.B. DEGREE IN COMPOSITION

CURRICULUM:

	SUBJECT	HOURS PER WEEK
FIRST YEAR	Harmony 101	3
	Aural Training 101	3
	History and Analysis 101	4
	Composition 101	1
	Conducting 101	1
	Acoustics	1
	Practical	½
	Ensemble	2
	Academic	3
		18½
SECOND YEAR	Harmony 201	3
	Aural Training 201	3
	History and Analysis 201	4
	Composition 201	1
	Counterpoint 201	1
	Practical	½
	Ensemble	2
	Academic	3
		17½
THIRD YEAR	Harmony 301	3
	Aural Training 301	3
	History and Analysis 301	4
	Composition 301	1
	Counterpoint 301	1
	Orchestration 301	1
	Practical	½
	Ensemble	2
	Academic	3
		18½
FOURTH YEAR	Harmony 401	2
	Composition 401	1
	Counterpoint 401	1
	Orchestration 401	1
	Ensemble	2
	Academic	3
	Electives	3
		13

PRACTICAL REQUIREMENT

The practical requirement for the Mus.B. degree in Composition is the grade 11 certificate of the Junior Department of the Conservatorium in the practical subject (instrument or voice) in which the candidate had qualified for admission. In those cases where the subject is other than piano, Piano 7 is imposed as an additional practical requirement to be completed by the end of the second year.

ENSEMBLE REQUIREMENT

Two years of either Choir or Orchestra are obligatory for all candidates qualifying for the Mus.B. degree in Composition, and may be taken in any sequence during the four year course of studies. Two remaining years of these or any of the other ensemble courses listed on pages 2147 and 2162 serve to complete the requirement. The selection is to be made in consultation with the departmental chairman or the Dean.

ACADEMIC REQUIREMENT

To fulfill the academic requirement for the first Mus.B. year in Composition, the candidate is required to select one first year course from the list of academic courses tabulated on pages 2135 to 2137. Beginning in the second year, the candidate must follow a continuation sequence in a selected academic subject through the last three years of study. This sequence may be pursued in any subject of the candidate's choice selected from the above-mentioned list — whether the subject be that selected in the first year or some other.

FOURTH YEAR ELECTIVE REQUIREMENT

Candidates must select any three of the following courses in order to fulfill the elective requirements in the fourth year.

History 401
" 402
" 403

Composition 402 (Radio Composition and Arranging)

COMPOSITION REQUIREMENT

In addition to the regular course requirements in composition, candidates in the fourth year must submit two original compositions to be received by the Secretary of the Faculty not later than the last day of the second week in April. One is to be an unaccompanied vocal work (not an anthem) showing considerable vocal resource; the other a work for strings, or combination of not less than four instruments or full orchestra. The works may be in any form and the instrumental composition should be of extended length. It should be noted that manuscripts, whether accepted or not, will not be returned to the candidate.

VIVA VOCE

Candidates in the fourth year are required to take a comprehensive oral examination covering the fields of theory, musical history, form, orchestration, and general repertory. Questions may also be asked concerning the compositions submitted by the candidate.

MUS.B. DEGREE IN PERFORMANCE

CURRICULA

Candidates may qualify for the Mus.B. in Performance in any one of five programmes of study, the curriculum for each of which is tabulated below. Special requirements for the respective programmes of study will be found on pages 2122 to 2124.

I. PIANO

FIRST YEAR	SUBJECT	HOURS PER WEEK
	Piano 101	1
	Harmony 101	3
	Aural Training 101	3
	History and Analysis 101	4
	Composition 101	1
	Conducting 101	1
	Acoustics	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Piano Ensemble 101	1
	Piano Accompaniment 101	1
		18½
SECOND YEAR	Piano 201	1
	Harmony 201	3
	Aural Training 201	3
	History and Analysis 201	4
	Counterpoint 202	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Piano Ensemble 201	1
	Piano Accompaniment 201	1
	Academic	3
		19½
THIRD YEAR	Piano 301 *or* 302 (Professional Instructor — see p. 2124)	1
	Harmony 301	3
	Aural Training 301	3
	History and Analysis 301	4
	Counterpoint 302	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Chamber Music 301	
	or	
	Collegium Musicum 101	2
	Academic	3
		19½
FOURTH YEAR	Piano 401 *or* Piano 402 (Professional Instructor)	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Chamber Music 401	
	or	
	Collegium Musicum 201	2
	Academic	3
	Electives	3
		11½

II. ORGAN

FIRST YEAR	SUBJECT	HOURS PER WEEK
	Organ 101	1
	Harmony 101	3
	Aural Training 101	3
	History and Analysis 101	4
	Composition 101	1
	Conducting 101	1
	Acoustics	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Collegium Musicum 101	2
		18½

SECOND YEAR		
	Organ 201	1
	Harmony 201	3
	Aural Training 201	3
	History and Analysis 201	4
	Counterpoint 202	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Collegium Musicum 201	2
	Academic	3
		19½

THIRD YEAR		
	Organ 301 *or* Organ 302 (Professional Instructor — see p. 2124)	1
	Harmony 301	3
	Aural Training 301	3
	History and Analysis 301	4
	Counterpoint 302	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Choral Conducting 301	1
	Church Choral Music 301	1
	Academic	3
		19½

FOURTH YEAR		
	Organ 401 *or* Organ 402 (Professional Instructor)	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Choral Conducting 401	1
	Church Choral Music 401	1
	Academic	3
	Electives	3
		11½

III. STRINGED AND OTHER ORCHESTRAL INSTRUMENTS

Candidates may qualify for the Mus.B. degree in the present programme of study in any one of the following instruments as principal practical subject.

Violin	Flute	Trumpet	Harp
Viola	Oboe (English Horn)	French Horn	Percussion
Cello	Clarinet	Trombone (Tuba)	
Double Bass	Saxophone		
	Bassoon		

The instrument selected must be that wherein the candidate qualified for admission. It is to be followed in a continuation sequence throughout the four years of study — as indicated under "Instrument" in the ensuing curriculum tabulation.

	SUBJECT	HOURS PER WEEK
FIRST YEAR	Instrument — 101	1
	Harmony 101	3
	Aural Training 101	3
	History and Analysis 101	4
	Composition 101	1
	Conducting 101	1
	Acoustics	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Chamber Music 101	2
		18½
SECOND YEAR	Instrument — 201	1
	Harmony 201	3
	Aural Training 201	3
	History and Analysis 201	4
	Counterpoint 202	1
	Second Practical Subject	½
	Ensemble: Choir *or* Orchestra	2
	Chamber Music 201	2
	Academic	3
		19½
THIRD YEAR	Instrument — 301 *or* 302 (Professional Instructor — see p. 2124)	1
	Harmony 301	3
	Aural Training 301	3
	History and Analysis 301	4
	Counterpoint 302	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Chamber Music 301	2
	Academic	3
		19½
FOURTH YEAR	Instrument — 401 *or* 402 (Professional Instructor — see p. 2124)	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Chamber Music 401	2
	Academic	3
	Electives	3
		11½

IV. VOICE A (CONCERT: ORATORIO — LIED)

	SUBJECT	HOURS PER WEEK
FIRST YEAR	Voice A 101	1
	Harmony 101	3
	Aural Training 101	3
	History and Analysis 101	4
	History 101	1
	Composition 101	1
	Conducting 101	1
	Acoustics	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Language 101	1
		18½
SECOND YEAR	Voice A 201 *or* Voice 202 (Professional Instructor — see p. 2124)	1
	Harmony 201	3
	Aural Training 201	3
	History and Analysis 201	4
	Counterpoint 202	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Collegium Musicum	2
	Academic	3
		19½

THIRD YEAR	Voice A 301 *or* Voice 302 (Professional Instructor)	1
	Harmony 301	3
	Aural Training 301	3
	History and Analysis 301	4
	Counterpoint 302	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	One of the following:	
	Piano Ensemble 101	
	Chamber Music 301	
	Church Choral Music 301	2
	Academic	3
		19½
FOURTH YEAR	Voice A 401 *or* Voice 402 (Professional Instructor)	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	One of the following:	
	Piano Ensemble 201	
	Piano Accompaniment 201	
	Chamber Music 401	
	Church Choral Music 401	2
	Academic	3
	Electives	3
		11½

V. VOICE B (OPERA)

FIRST YEAR	SUBJECT	HOURS PER WEEK
	Voice B 101	1
	Harmony 101	3
	Aural Training 101	3
	History and Analysis 101	4
	History 101	1
	Composition 101	1
	Conducting 101	1
	Acoustics	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Language 101	1
		18½
SECOND YEAR	Voice B 201	1
	Harmony 201	3
	Aural Training 201	3
	History and Analysis 201	4
	Counterpoint 202	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Acting 201	1
	Coaching 201	1
	Academic (Language)	3
		19½
THIRD YEAR	Voice B 301	1
	Harmony 301	3
	Aural Training 301	3
	History and Analysis 301	4
	Counterpoint 302	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Coaching 301	1
	Staging 301	1
	Academic (Language)	3
		19½

FOURTH YEAR	Voice B 401	1
	Practical Second Subject	½
	Ensemble: Choir *or* Orchestra	2
	Coaching 401	1
	Staging 401	1
	Academic (Language)	3
	Electives	3
		11½

SECONDARY PRACTICAL REQUIREMENT

The selection of the secondary practical subject is to be made from the list of practical subjects offered in the Junior Department of the Conservatorium. This list appears on pages 2167-8. Non-pianists may select as their secondary practical subject: (a) piano, or (b) an instrument (not their own) other than piano. Students for whom piano is neither a principal nor a secondary subject must complete Piano 7 as an additional requirement.

All candidates selecting for their secondary practical requirement a subject in which they have had previous training must submit to an audition in which their grade level will be appraised. The degree requirement for any secondary subject is normally three grades beyond that at which the candidate was evaluated at the time of admission. The minimum grade imposed for the completion of the secondary practical requirement is 9; the maximum 201.

ENSEMBLE REQUIREMENT

Regular attendance at either Choir or Orchestra in each of the four years is obligatory for all candidates for the Mus.B. degree in Performance. The remaining ensemble requirement varies with each of the five programmes of study available in this field. The specific ensemble requirements for each of these programmes are indicated in the preceding curricula. (See page 2118.) Where options are provided, admission to these is conditional upon the consent of the departmental chairman or the Dean. Substitution of other optional ensemble courses will be considered in special cases.

ACADEMIC REQUIREMENT

Mus.B. students in the field of Performance will commence their academic course in the second year. This course is to be selected from the list of Arts subjects given on pages 2135-7, and is to be followed in a continuation sequence through the last three years of study.

FOURTH YEAR ELECTIVE REQUIREMENT

Candidates for the Mus.B. degree in Performance are required to choose three of the following courses in fulfilment of the elective requirement in the fourth year.

History	401
"	402
"	403
Composition	402
Pedagogy	401
"	402
"	403
"	404

Instrumental Class " "	101 201	(Available as special elective pedagogy courses to candidates whose principal practical subject is an orchestral wind instrument.)
Instrumental Class	301	(Available as a special elective pedagogy course to candidates whose principal practical subject is double bass.)

SPECIAL REQUIREMENTS FOR PRACTICAL EXAMINATIONS

I. PIANO

(a) *Sight-Reading.* The sight-reading requirements for all piano examinations will be of not greater difficulty than the prepared work of the previous examination.

(b) *Transposition.* Piano 101 calls for the transposition of a simple piece either a semi-tone up or down; Piano 201 calls for transposition at whole tone up or down.

II. ORGAN

(a) *Sight-Reading.* The sight-reading requirements for all organ examinations will be of not greater difficulty than the prepared work of the previous examination. An additional sight-reading test given at all organ examinations calls for the ability to read from four-part open score. In the case of Organ 101 and 201 only G and F clefs are used; the latter grade demands, however, a greater degree of sight-reading proficiency on the part of the candidate. The sight-reading tests for the subsequent organ examinations call for a knowledge of G, F, and C clefs with again a greater degree of sight-reading proficiency demanded in the fourth year.

(b) *Transposition.* The transposition requirements for organ are as follows:

Grade	Interval of Transposition
Organ 101	semi-tone up or down
" 201, 302	whole tone up or down
" 301, 402	third up or down
" 401	at any interval

(c) *Extemporization.* The requirements for the extemporization tests in the various organ examinations are as follows:

Grade	Requirements
Organ 101	Extemporization on a short motive
" 201	" " " " theme
" 301, 302	" " " theme
" 401, 402	" " two themes

III. ORCHESTRAL INSTRUMENTS

(a) *Sight-Reading.* The sight-reading requirements for examinations in strings and in the remaining orchestral instruments consist of the reading of orchestral excerpts. The 101 examination in these subjects calls for three excerpts selected by the candidate as well as three selected by the examiner. In the case of the 201 examination, four excerpts of advanced difficulty are to be selected each by candidate and examiner, while an unspecified number is called for in the 301, 302, and 402

examinations. The sight-reading requirement is dropped in the fourth year (401) examination.

(b) *Transposition.* The transposition requirements for the various wind instruments will be found in the description of course contents for the respective instruments. (See pages 2157 to 2160.)

IV. VOICE A & B

Sight-Reading. Examples of sight-reading exercises for voice examinations are issued in booklet form by the McGill Conservatorium and may be obtained by writing to the Secretary of the Faculty of Music.

SPECIAL ELECTIVE REQUIREMENT FOR PROFESSIONAL INSTRUCTORS

Candidates for the Mus.B. degree in Performance whose principal practical subject is piano, organ, or voice, and who have in their third and fourth years chosen to follow the available professional instructors' courses (302, 402) in these fields must include the corresponding pedagogy course in their list of fourth year electives. In the field of orchestral instruments the professional instructors' course is available only in violin, viola and cello. The following table makes clear the elective course required in each of the above-mentioned cases:

Professional Instructors' Course	Required Elective
Piano 302, 402	Pedagogy 402
Organ 302, 402	" 403
Voice 302, 402	" 404
Violin, Viola, Cello 302, 402	" 401

Candidates specializing in orchestral instruments other than violin, viola, or cello, and with the exception of harp and percussion, may, while following the regular performers' course of their instrument in the third and fourth years, choose Instrumental Class 101, 201, or 301 as special pedagogy electives in the fourth year. (See above: FOURTH YEAR ELECTIVE REQUIREMENT.)

SPECIAL LANGUAGE REQUIREMENT FOR STUDENTS QUALIFYING IN VOICE A & B

Degree candidates in Voice A or Voice B must fulfil a special language requirement in: (a) French, (b) German, and (c) Italian. Two of these language requirements are to be satisfied by: (1) the matriculation language requirements, and (2) the academic continuation course. Language 101, which is taken in the first year, serves to complete this requirement.

VIVA VOCE

All candidates for the degree of Mus.B. in Performance are required to take a comprehensive oral examination in the final year. This examination will include questions on musical history, form, and general repertory. Candidates will also be questioned on the pieces performed by them in their final practical examination, and on the history and repertory of their particular instrument. Candidates specializing as professional instructors will also be questioned on technical and musical problems involved in the teaching of their instrument, and will be expected to demonstrate a first-hand knowledge of the teaching repertory for that instrument.

MUS.B. DEGREE IN SCHOOL MUSIC

CURRICULUM

FIRST YEAR	SUBJECT	HOURS PER WEEK
	Harmony 101	3
	Aural Training 101	3
	History and Analysis 101	4
	Composition 101	1
	Conducting 101	1
	Vocal Physiology and Choral Techniques 101	2
	Instrumental Class 101	1
	Practical First Subject 10	1
	Practical Second Subject	½
	Acoustics	1
	Ensemble	2
		19½

SECOND YEAR	SUBJECT	HOURS PER WEEK
	Harmony 201	3
	Aural Training 201	3
	History and Analysis 201	4
	Counterpoint 202	1
	Instrumental Class 201	1
	Orchestration 202	1
	Practical First Subject 11	1
	Practical Second Subject	½
	Ensemble	2
	Academic	3
		19½

THIRD YEAR		
	Harmony 301	3
	Aural Training 301	3
	History and Analysis 301	4
	Counterpoint 302	1
	Instrumental Class 301	1
	Orchestration 302	1
	Practical First Subject 101	1
	Practical Second Subject	½
	Ensemble	2
	Academic	3
		19½

FOURTH YEAR

"School for Teachers" (Please refer to page 2134.)

PRINCIPAL PRACTICAL REQUIREMENT

Candidates for the Mus.B. degree in School Music may qualify for admission in piano, a string, woodwind, or brasswind instrument, or in voice. The degree requirement is the 101 course in the practical subject in which the candidate qualified for admission.

SECONDARY PRACTICAL REQUIREMENT

This requirement is the same as that for the Mus.B. degree in performance. Please refer to page 2122.

ENSEMBLE REQUIREMENT

Candidates for the Mus.B. degree in School Music are required to take ensemble courses in all but the last year of their programme of studies. Two years of either Choir or Orchestra together with an approved ensemble course of the candidate's choice in the remaining year constitute the requirement in this subject.

ACADEMIC REQUIREMENT

This requirement is the same as that for the Mus.B. degree in Performance. Please refer to page 2122.

ELECTIVE REQUIREMENT

There is no fourth year elective requirement for the Mus.B. degree in School Music.

SPECIAL REQUIREMENTS AT PRACTICAL EXAMINATIONS

The sight-reading and transposition requirement are the same as those for the A.Mus. examination in the practical subject (orchestral instrument or voice) in which the candidate is qualifying for the degree. Please refer to page 2127.

EDUCATION REQUIREMENT

The programme of education courses called for in the fourth year is given at Macdonald College in the School for Teachers. These courses satisfy the education requirement for the Mus.B. degree in School Music. Please refer to page 2134.

PROGRAMME OF STUDIES IN THE CONSERVATORIUM OF MUSIC—SENIOR DEPARTMENT

CURRICULUM

A.MUS.

SUBJECT	HOURS PER WEEK
Practical First Subject: Instrument — 110	1
or	
Voice — 110 (A or B)	3
Harmony 101	4
History and Analysis 101	
	8

L.MUS.

FIRST YEAR

SUBJECT	HOURS PER WEEK
Practical First Subject: Instrument — 210	1
or	
Voice 210 (A or B)	½
Practical Second Subject	3
Aural Training 101	1
Composition 101	4
Ensemble	
	9½

SECOND YEAR

Practical First Subject: Instrument — 310	1
or	
Voice 310 (A or B)	½
Practical Second Subject	1
Conducting 101	1
Acoustics	4
Ensemble	
	7½

SPECIAL REQUIREMENTS FOR PRACTICAL EXAMINATIONS IN THE ASSOCIATE AND LICENTIATE COURSES

I. PIANO

(a) *Sight-Reading.* The sight-reading requirements for all piano examinations will be of not greater difficulty than the prepared work of the previous examination.

(b) *Transposition.* Piano 110 calls for the transposition of a simple piece a semi-tone up or down; Piano 210 calls for transposition a whole tone up or down.

II. ORGAN

(a) *Sight-Reading.* The sight-reading requirements for the organ examinations will be of not greater difficulty than the prepared work of the previous examination. An additional sight-reading test given at all Senior Conservatorium examinations in organ calls for the ability to read from four-part open score. In the case of Organ 110 only the G and F clefs will be used. The sight-reading tests for Organ 210 and 310 call for a knowledge of G, F, and C clefs, with a greater degree of sight-reading proficiency expected in the latter course.

(b) *Transposition.* The transposition requirements for organ are as follows:

Grade	Interval of Transposition
Organ 110	— semi-tone up or down
" 210	— whole tone up or down
" 310	— third up or down.

(c) *Extemporization.* The requirements for the extemporization tests are as follows:

Grade	Requirements
Organ 110	— extemporization on a short motive
" 210	— " " " theme
" 310	— " " two themes.

III. ORCHESTRAL INSTRUMENTS

Sight-Reading. The sight-reading requirements for examinations in strings and in the remaining orchestral instruments consist of the reading of orchestral excerpts. The 110 examination in these subjects call for three excerpts which are to be selected by the candidate as well as three to be selected by the examiner. In the case of the 210 examination, four excerpts of advanced difficulty are to be selected each by candidate and examiner. The sight-reading requirement is dropped in the final examination (310).

IV. VOICE A & B

Sight-Reading. Examples of sight-reading exercises for voice examinations are issued in booklet form by the McGill Conservatorium and may be obtained by writing to the Secretary of the Faculty of Music.

SECONDARY PRACTICAL REQUIREMENT FOR THE DIPLOMA OF LICENTIATE IN MUSIC

This requirement is the same as that for the degree of Mus.B. in Performance. Please refer to page 2122.

ENSEMBLE REQUIREMENT FOR THE DIPLOMA OF LICENTIATE IN MUSIC

Either Choir or Orchestra is obligatory for all diploma candidates in each of the Licentiate years.

Two hours of additional ensemble work is required in each of these years. The courses will be selected from among those listed as part of the Mus.B. curriculum in Performance in the instrumental or vocal field of the candidate's choice. The selection is to be made in consultation with the departmental chairman or the Dean.

SPECIAL LANGUAGE REQUIREMENT FOR LICENTIATE STUDENTS QUALIFYING IN VOICE A & B

Candidates for the Licentiate in either Voice A or B must fulfil a special language requirement in two of the following: (a) French, (b) German, (c) Italian. These language requirements are to be satisfied by: (1) the high school leaving language requirement; (2) Language 101 to be taken in the second year.

VIVA VOCE

Candidates for the diploma of Licentiate in Music are required to take an oral examination in the final year. Questions will be asked concerning musical history, form, and general repertory. Candidates will also be questioned on the pieces performed by them in their final practical examination, and on the history and repertory of their particular instrument.

NOTE: For the Programme of Studies offered in the Junior Department of the Conservatorium, please refer to page 2166.

COURSES OF INSTRUCTION IN THE FACULTY AND IN THE SENIOR DEPARTMENT OF THE CONSERVATORIUM

DEPARTMENT OF THEORY

REGULAR COURSES

AURAL TRAINING 101. Solfege studies in both major and minor keys. A reading knowledge of all clefs. Rhythmic dictation in simple and compound metres. Melodic dictation of moderately difficult major or minor melodies with simple modulations. Intervals and elementary harmonic dictation.

3 hours.

Texts: Champagne, Solfège Pratique; Gedalge, L'enseignement de la musique, vols. 1-3; McHose and Tibbs, Sight-Singing Manual; Danhauser & Lemoine, Solfège des solfèges; Samuel, Quatre-vingt leçons mélodiques.

AURAL TRAINING 201. Solfeggii in all keys and with changing clefs. Transpositional driils involving clef substitution. More advanced melodic dictations with particular emphasis upon modulating melodies. Elementary two- and four-part dictation.

3 hours.

Texts: Gedalge, L'enseignement de la musique; vols. 4-10; Danhauser & Lemoine, Solfège des solfèges; Samuel, Quatre-vingt leçons mélodiques.

AURAL TRAINING 301. Difficult solfeggii involving remote modulations, chromaticism, and changing clefs. Readings from the literature including excerpts from Bach, Wagner, Hindemith, etc. Advanced melodic and harmonic dictations, the latter in chorale, fugal and other styles.

3 hours.

COMPOSITION 101. Construction of motive, phrase, and sentence preceded by analysis of melodic, rhythmic, and harmonic structures. Elementary composition in small forms.

1 hour.

COMPOSITION 201. Composition in the smaller homophonic forms such as ternary, minuet and trio, variation form. Also composition over a ground bass. These works are to be written for piano, organ, voice, or solo instrument with piano accompaniment, or for small instrumental combinations. Particular attention will be given to the influence of the medium upon the tonal materials, the patterns of accompaniment, and the texture.

1 hour.

COMPOSITION 301. Composition in the smaller homophonic forms such as the variation, suite, sonatina, and sonata-allegro form. Composition in such contrapuntal forms as the invention, passacaglia and chaconne. Also composition of figured chorale preludes and of accompanied motets. Various wood-wind combinations as well as chamber orchestra are now added to the list of media employed in the preceding course.

1 hour.

COMPOSITION 401. A continuation of Composition 301 stressing the larger cyclical homophonic forms such as the sonata and the suite. The media employed include the orchestra as well as the more intimate instrumental combinations.

1 hour; 1 hour listening period.

COMPOSITION 402. See **ELECTIVE COURSES.**

CONDUCTING 101. A basic course in orchestral repertoire, incorporating the study of baton techniques, placement of beats in simple and compound metres, score reading, instrumental ranges, and orchestral devices. Records and scores will constitute the materials for instruction. Qualified students will occasionally be permitted to conduct the senior orchestra during rehearsal periods.

1 hour.

COUNTERPOINT 201. Sixteenth century counterpoint (strict and free) in two, three and four parts.

1 hour.

Texts: Jeppesen, Counterpoint.

COUNTERPOINT 202. Free Counterpoint.

1 hour.

COUNTERPOINT 301. A continuation of Counterpoint 201. A large-scale mass movement or motet is to be submitted at the close of the session. Also double counterpoint and canon, and free counterpoint in the style of Bach (inventions, etc.)

1 hour.

Texts: Jeppesen, Counterpoint; Prout, Double Counterpoint and Canon.

COUNTERPOINT 302. Free Counterpoint.

1 hour.

COUNTERPOINT 401. Fugue.

1 hour.

HARMONY 101. An elementary course in written and keyboard harmony comprising a study of the following harmonic materials and techniques: triads and dominant seventh chords in all dispositions and inversions; principles of chord progression; part-writing drills; study of the conventional harmonic formulas and cadences; harmonic analysis; harmonization of melodies and unfigured basses in the Bach chorale style using triads, dominant seventh chords and elementary modulations; also the composition of phrases in chorale style.

3 hours.

Texts: McHose, Basic Principles in the Technique of 18th and 19th Century Composition; McHose and White, Keyboard and Dictation Manual.

HARMONY 201. A more advanced course in written and keyboard harmony comprising a study of the following harmonic materials and techniques: sequences and other conventional progressions; use of non-harmonic tones; secondary sevenths and altered chords; advanced part-writing problems; modulation to both related and remote keys; harmonization of melodies and unfigured basses in advanced chorale style of Bach; composition and keyboard improvisation of modulating melodies and basses; two parts in free contrapuntal style; figured chorale prelude style; thorough bass realization; harmonic analysis.

3 hours.

Texts: McHose, The Contrapuntal Harmonic Technique of the 18th Century; McHose and White, Keyboard and Dictation Manual; Bach, Organ Partitas; Bach, Little Organ Book.

HARMONY 301. A study of the harmonic materials and styles of the Viennese masters. Analysis of representative works will precede the harmonization or composition of short passages in different media based on the harmonic materials of these composers. Keyboard study will include the application of this vocabulary to the keyboard as well as specials drills in transposition, improvisation, modulation and reading from open score.

3 hours; 1 hour listening period.

Texts: Andrews, The Oxford Harmony; Schoenberg, Structural Functions of Harmony. Beethoven, Haydn, Mozart: Sonatas and Quartets, etc.

HARMONY 401. A study of the harmonic materials and styles of various groups of composers from Schubert to Debussy. Analysis of representative works will precede the composition of short pieces in different media based on the harmonic vocabularies of these masters.

2 hours; 1 hour listening period.

Texts: Andrews, The Oxford Harmony; Schoenberg, Structural Functions of Harmony. Brahms, Chopin, Debussy, Liszt, Schubert, Wagner: Selected works.

HISTORY 101. The history of the opera. An outline of the evolution of opera from 1600 to the present with musical and pictorial illustrations.

1 hour.

HISTORY 401, 402, 403. See **ELECTIVE COURSES.**

HISTORY AND ANALYSIS 101. Introduction to the history and literature of Western music with special emphasis upon the nature of musical materials and styles. One weekly period will be devoted to a study of analytical techniques (motivic, melodic, harmonic, and structural analysis).

4 hours.

Texts: Parrish and Ohl, Masterpieces of Music before 1750; Sachs, Our Musical Heritage; Boyden, An Introduction to Music.

HISTORY AND ANALYSIS 201. Music of the Classical and Romantic periods. A comparative study of selected masterworks of both periods aimed at a definition of the classical — romantic antithesis in terms of musical styles.

4 hours.

Text: Lang, Music in Western Civilization.

HISTORY AND ANALYSIS 301. Music of the Renaissance and Baroque periods. A study of the style and character of Renaissance and Baroque music considered both autonomously and in relation to the intellectual and aesthetic currents of these periods. The course will include detailed analyses of contrapuntal forms.

4 hours.

Texts: Apel and Davison, Historical Anthology of Music, vols. 1 and 2; Bukofzer, Music in the Baroque; Lang, Music in Western Civilization; Reese, Music in the Renaissance.

INSTRUMENTAL CLASS 101. Group instruction in wood-wind instruments. The student is required to choose one instrument for study. Solo performance of relevant parts from ensemble material of moderate difficulty. Knowledge concerning the wood-wind instruments.

INSTRUMENTAL CLASS 201. Group instruction in brass instruments. The student is required to choose one instrument for study. Solo performance of relevant parts from ensemble material of moderate difficulty. Knowledge concerning the brass instruments.

1 hour.

INSTRUMENTAL CLASS 301. Group instruction in stringed instruments. The student is required to choose one instrument for study. Solo performance of relevant parts from ensemble material of moderate difficulty. Knowledge concerning the stringed instruments.

1 hour.

LANGUAGE 101. A course serving to complete the special language requirement for voice students.

1 hour.

ORCHESTRATION 202. Study of the range of the various instrumental families, and scoring of simple compositions for each of these groups. Intended primarily for degree candidates in the field of School Music.

1 hour.

ORCHESTRATION 301. Study of the range and technical capacities of the various orchestral instruments. Scoring for selected instrumental combinations of such works as the Bach chorales, Mendelssohn's Songs Without Words, and Schumann's Scenes from Childhood.

1 hour.

ORCHESTRATION 302. A continuation of ORCHESTRATION 202. Scoring for different instrumental combinations of simple piano works such as Schubert's Moments Musicaux, Impromptus, etc.

1 hour.

ORCHESTRATION 401. A continuation of ORCHESTRATION 301 with special emphasis on instrumental colour. Full exploitation of the technical possibilities of the various instruments. Assignments will include the rescoring of masterworks for novel combinations.

1 hour.

VOCAL PHYSIOLOGY AND CHORAL TECHNIQUES. Study of the voice as a musical instrument. The relation of song to speech. Voice classifications and physiology of the voices of children, adolescents, and adults. Problems resulting from the improper function of the voice. Techniques of training choral groups at all levels. Problems pertaining to voice ranges, accuracy, quality, diction, interpretation, general organization, and repertory.

2 hours.

Text: Lawson, Full-Throated Ease.

FOURTH YEAR ELECTIVE COURSES

COMPOSITION 402. Radio composition and arranging. A course for composers designed to develop techniques of composing and arranging musical scores for radio, film, and television programmes. Admission only with consent of instructor.

1 hour.

HISTORY 401. Music of the mediaeval period. A survey of pre-Renaissance music from Gregorian chant to the music of Dunstable.

First term: 2 hours.

Texts: Apel and Davison, Historical Anthology of Music, vol. 1; Reese, Music in the Middle Ages.

HISTORY 402. Music of the twentieth century. A course devoted to: (a) a study of musical forms, textures, and idioms of the twentieth century; (b) an analysis of representative works by major composers of the past half century; (c) a discussion of critical writings pertaining to music of this period.

Second term: 2 hours.

Texts: Bauer, Twentieth Century Music; Salazar, Music in our Time.

HISTORY 403. Development of the orchestra from the seventeenth to the twentieth century. This course will be concerned with: (a) the recent history of orchestral instruments; (b) sociological aspects of orchestral organization and performance; (c) changing values in the art of orchestration; (d) the literature of the orchestra. Assignments will stress listening and aural analysis.

First term: 2 hours.

MUSICOLOGY 401. Introduction to Musicology.

PEDAGOGY 401. The pedagogy of stringed instruments. The physical nature and characteristics of these instruments. The study of basic principles and underlying instrumental instruction. The evolution of these instruments and the development of their individual repertoires. Traditional and contemporary methods of instruction.

1 hour.

PEDAGOGY 402. The pedagogy of the piano. Examination of existing piano teaching methods and materials. Elementary psychology as applied to piano teaching. Physiology: the muscular construction of the hand and the arm. The mechanism of the piano and its relation to touch and technique. The development of technique from the initial through all subsequent grades. Methods of teaching technique, interpretation, phrasing, pedalling, fingering, memorizing, practice routine, ear-training, sight-reading, demonstration lessons. The piano teacher's library. The business end of teaching.

1 hour.

PEDAGOGY 403. The pedagogy of the organ. Methods of teaching pure technique, registration, touch, interpretation. The execution of ornaments. The organist's repertoire. Service playing and accompaniment. Improvisation. Methods of programme building. Sight-reading and score reading. Elements of organ construction.

1 hour.

PEDAGOGY 404. The pedagogy of singing. Examination of various methods of voice production. Physiology of the voice—a detailed study of the function of the larynx in speech and singing. Registers of the voice and voice classification. Breath control and diction. Tone placement in speech. Suitable studies and songs for the different types of vocal student. A general knowledge of vocal repertoire: art songs, opera, and oratorio arias. Discussion of the teacher's personal approach to the student. Demonstration lessons.

1 hour.

COURSES IN THE SCHOOL FOR TEACHERS

SCRIPTURE. The historical and literary background of the Bible.

PHYSICAL EDUCATION. Indoor games, field sports, apparatus work, social and folk rhythms.

ACADEMIC. (continuation).

EDUCATION 1. The growth and Development of Children. A study of the general characteristics of physical, social and emotional development in children.

EDUCATION 3. Educational Psychology. Growth and development of children through adolescence. Psychology of learning. Individual differences. Growth and development of personality. Testing measurement. Mental hygiene and educational guidance.

EDUCATION 4. The History of Education in Western Society. The history of education in Europe and America including a comparative study of systems of public education in the countries of Western Europe, in the United States and in Canada.

EDUCATION 10. General Educational Practice.

(a) Curriculum organization, lesson planning, teaching media and methods, individualization of instruction, evaluation and testing, school law.

(b) Audio-visual methods and materials, projection operation, the use of films and filmstrips, radio, models and displays, field trips.

(c) Organization and preparation of teaching materials for one of the following: the Primary Department, the Elementary School, the Junior High School.

EDUCATION 12. Subject methods.

a Language Arts. Language, reading literature.
b " " Spelling, writing, childhood education.
d Health and Recreation.
f Science.
i Social Studies.
h Art.
g Music.

EDUCATION 20. Observation and Classroom Practice.

Practice teaching in areas listed under Education 12 with emphasis on music teaching.

ACADEMIC CONTINUATION COURSES

For Mus.B. candidates in **COMPOSITION:**

I. In English:

FIRST YEAR	English 100
SECOND YEAR	One of English 200 (Shakespeare) English 210 (XVII C) English 220 (XVIII C) English 230 (XIX C)
THIRD AND FOURTH YEAR	Two of English 218a (Sidney & Spenser) & 315b (XV & XVI C) English 330 (Drama since 1600) English 335 (The Novel) English 345 (Prose since Bacon) English 350 (Milton) English 380 (Utopias)

II. In Fine Arts:

SECOND YEAR	Fine Arts 201 (Introductory)
THIRD YEAR	Fine Arts 301 (Modern Art)
FOURTH YEAR	Fine Arts 401a (Renaissance) and 401b (History of Art)

III. In German:

FIRST YEAR	German 1
SECOND YEAR	German 2 (Language)
THIRD YEAR	One of German 5 (Language) German 7 (Language & Literature)
FOURTH YEAR	One of German 8 (XVIII C) German 9 (XIX C)

IV. In History, Political Science & Economics:

FIRST YEAR	One of Economics 100 (Economic History) History 100 (European Civilization)
SECOND YEAR	One of History 210 (Great Britain) History 215 (E. Europe from the V.C.) Political Science 211G (Comparative Government)
THIRD YEAR	One of History 325 History 326 Political Science 311
FOURTH YEAR	One of History 320 (Background of Contemporary Europe) History 410 (European Thought since the Renaissance)

V. In Latin:

FIRST YEAR	Latin 11 (Language)
SECOND YEAR	One of Latin 21 (Vergil) Latin 22 (Pliny)
THIRD YEAR	One of Latin 31 (Cicero, Livy, Ovid) Latin 32 (Vergil, Sallust)
FOURTH YEAR	One of Latin 41 Latin 42

VI. In Philosophy:

SECOND YEAR	Philosophy 1 (Introduction)
THIRD YEAR	Philosophy 2 (Ethics)
FOURTH YEAR	One of Philosophy 4 (Aesthetics) Philosophy 5 (Greek) Philosophy 6 (Modern) Philosophy 7 (Mediaeval & Renaissance)

VII. In French:

FIRST YEAR	One of French 11 French 12
SECOND YEAR	French 21 (Literature)
THIRD YEAR	One of French 31 (XVII C) French 32 (XVIII C)
FOURTH YEAR	One of French 43 (XIX & XX C) French 41 (Modern France) French 42 (XIX C)

VIII. In Spanish:

FIRST YEAR	Spanish 11 (Language)
SECOND YEAR	One of Spanish 21 (Language) Spanish 22 (Literature)
THIRD YEAR	One of Spanish 31 Spanish 32 Spanish 33 (Literature)
FOURTH YEAR	One of Spanish 41 Spanish 42 Spanish 43 (Literature)

IX. In Italian:

FIRST YEAR	Italian 11 (Language)
SECOND YEAR	Italian 21 (Language and Literature)
THIRD YEAR	One of Italian 25 Italian 31 (Literature)
FOURTH YEAR	Italian 41

N.B. In all cases, selection of courses will be governed by the stated prerequisites. See also Calendar of FACULTY OF ARTS AND SCIENCE, for additional information.

2. For Mus.B. candidates in PERFORMANCE and SCHOOL MUSIC:

I. In English:

SECOND YEAR	English 100
THIRD YEAR	One of English 200 (Shakespeare) English 210 (XVII C) English 220 (XVIII C) English 230 (XIX C)
FOURTH YEAR	One of English 318a (Sidney & Spenser) & 315b (XV & XVI C) English 330 (Drama since 1660) English 335 (The Novel) English 345 (Prose since Bacon) English 350 (Milton) English 380 (Utopias)

II. In Fine Arts:

SECOND YEAR	Fine Arts 201 (Introductory)
THIRD YEAR	Fine Arts 301 (Modern Art)
FOURTH YEAR	Fine Arts 401a (Renaissance) and 401b (History of Art)

III. In German:

SECOND YEAR	German 2 (Language)
THIRD YEAR	One of German 5 (Language) German 7 (Language & Literature)
FOURTH YEAR	One of German 8 (XVIII C) German 9 (XIX C)

IV. In History, Political Science & Economics:

SECOND YEAR	One of Economics 100 (Economic History) History 100 (European Civilization)
THIRD YEAR	One of History 210 (Great Britain) History 215 (E. Europe from the V.C.) Political Science 211G (Comparative Government)
FOURTH YEAR	One of Political Science 311 (Political Theory) History 320 (Background of Contemporary Europe) History 410 (European Thought since the Renaissance)

V. In Latin:

SECOND YEAR	Latin 11 (Language)
THIRD YEAR	One of Latin 21 (Vergil) Latin 22 (Pliny)
FOURTH YEAR	One of Latin 31 (Cicero, Livy, Ovid) Latin 32 (Vergil, Sallust)

VI. In Philosophy:

SECOND YEAR	Philosophy 1 (Introduction)
THIRD YEAR	Philosophy 2 (Ethics)
FOURTH YEAR	One of Philosophy 4 (Aesthetics) Philosophy 5 (Greek) Philosophy 6 (Modern) Philosophy 7 (Mediaeval & Renaissance)

VII. In French:

SECOND YEAR	One of French 11 French 12
THIRD YEAR	French 21 (Literature)
FOURTH YEAR	One of French 31 (XVII C) French 32 (XVIII C) French 41 (Modern France) French 42 (XIX C) French 43 (XIX & XX C)

VIII. In Spanish:

SECOND YEAR	Spanish 11 (Language)
THIRD YEAR	One of Spanish 21 (Language) Spanish 22 (Literature)
FOURTH YEAR	One of Spanish 31 Spanish 32 Spanish 33 (Literature) Spanish 41 Spanish 42 Spanish 43 (Literature)

IX. In Italian:

SECOND YEAR	Italian 11 (Language)
THIRD YEAR	Italian 21 (Language and Literature)
FOURTH YEAR	One of Italian 25 Italian 31 (Literature) Italian 41

N.B. In all cases, selection of courses will be governed by the stated prerequisites. See also Calendar of **FACULTY OF ARTS AND SCIENCE**, for additional information.

DEPARTMENT OF KEYBOARD AND VOCAL MUSIC

PRACTICAL COURSES

N.B. Practical courses in the curriculum of the Faculty and Conservatorium are numbered according to the following plan:

	Degree Courses	Diploma Courses
First Year	101	110 (Associate)
Second Year	201 202 (Professional Instructor — Voice Only)	210 (First Licentiate)
Third Year	301 302 (Professional Instructor)	310 (Second Licentiate)
Fourth Year	401 402 (Professional Instructor)	

Diploma courses may not be substituted for degree courses and vice-versa.

PIANO

The complete list of exercises and studies referred to in the subsequent piano courses is enumerated below. To conserve space these works will be referred to in the text by means of letter symbols rather than by their full title.

A-PD — Aronson, Pianist's Digest
B-E — Beringer, Exercises
C-GP — Clementi, Gradus ad Parnassum
Ch-Et — Chopin, Etudes
Cor-RPT — Cortot, Rational Principles of Piano Technique
Cr-ET — Cramer (Buelow), Etudes
Cz-AFD — Czerny, The Art of Finger Dexterity, Op. 740
P-PE — Pischna, Progressive Exercises

PIANO 101

Scales: All major, minor (melodic and harmonic), and chromatic scales at the distance of an octave, third, sixth, and tenth, through four octaves. These are studied in both similar and contrary motion, beginning with either the highest or the lowest note, legato and staccato, forte and piano. Also all major scales in double thirds and double octaves through two octaves in similar motion.

Arpeggios: Common chords as well as dominant and diminished seventh chords at the distance of an octave, third, sixth, and tenth, through four octaves. These are studied in both similar and contrary motion, beginning with either the highest or the lowest note, legato and staccato, forte and piano. Also all common chords in double octaves, beginning with either the highest or the lowest note.

Exercises and Studies: A-PD; C-GP (any one); Cor-RPT; Cr-Et (any one); Cz-AFD (any two); P-PE (Nos. 1-12).

Prepared Pieces: Candidates are required to submit the titles of four pieces which they will have studied during the year. The titles will be selected from the list given under Piano 110. Adequate mastery of the technical and musical problems occurring in these pieces must be demonstrated. A complete performance from memory is required in the case of only one piece to be selected by the candidate.

PIANO 110

Scales and Arpeggios: The same as for Piano 101.

Exercises and Studies: The same as for Piano 101.

Prepared Pieces: Candidates are required to perform one selection from each of the following four groups:

I.	Bach	English Suite in G Minor (Prelude or any two movements). Partita in B Flat Major (any two movements). The Well-Tempered Clavier (any Prelude and Fugue).
	Couperin	Ordres (Nos. 1-5: any two movements).
	Rameau	L'Egyptienne. Les Tendres plaintes. La Villageoise.
II.	Bach (W.F.) . .	Sonatas (any one).
	Bach (K.P.E.) .	Sonatas (any one).
	Beethoven . . .	Sonata Op. 2 No. 2 (first movement). Sonata Op. 2 No. 3 (first movement). Sonata Op. 27 No. 1 (first movement). Sonata Op. 31 No. 2 (last movement).
	Galuppi	Sonatas (any one).
	Haydn	Sonatas (first and second, or second and third movement of any late sonata).
	Mozart	Sonata in A Major, K. 331. Sonata in B Flat Major, K. 333 (first movement). Sonata in D Major, K. 576 (first movement).
III.	Brahms	Intermezzo Op. 117 No. 3. Intermezzo Op. 119 No. 2.

Chopin	Mazurka Op. 17 No. 4. Mazurka Op. 24 No. 2. Mazurka Op. 30 No. 2. Mazurka Op. 33 No. 2. Mazurka Op. 33 No. 4.
Chopin	Nocturne Op. 9 No. 1. Nocturne Op. 32 No. 1. Waltz Op. 34 No. 3. Waltz Op. 69 No. 1.
Liszt	Valse oubliée No. 1.
Mendelssohn . .	Songs without Words Op. 30 No. 5.
Schubert	Moments musicaux Op. 94 (Nos. 1 and 6 or any of the remaining pieces in this opus group).
Schumann . . .	Fantasy — Pieces Op. 12 (No. 1, or Nos. 3 and 4). Papillons (Introduction and any two). Scenes from Childhood (any three).
IV. Bartok	Hungarian Peasant Songs (any three).
Debussy	Preludes (Book 1: "Voiles"). Children's Corner ("The Snow is Dancing").
Robert Fleming .	Sonatina.
Granados . . .	Spanish Dances (any one).
Scriabine . . .	Etude in C Sharp Minor.
Shostakovitch . .	Three Fantastic Dances Op. 1.

PIANO 201

Scales: The same as for Piano 101. Also all minor and chromatic scales in double thirds and double octaves, through two octaves, in similar motion.

Arpeggios: The same as for Piano 101. Also all dominant and diminished seventh chords in double octaves, beginning with either the highest or the lowest note.

Exercises and Studies: A-PD; Cor-RPT. Any two etudes from: C-GP; Cr-Et; Cz-AFD; Ch-Et. Also P-PE (any ten from No. 13 to the end), or B-E (any ten). Note however that the study prepared for the previous examination may not be included. This rule applies as well to prepared pieces and is binding for all subsequent grades.

Prepared Pieces: Candidates are required to perform one selection from each of the four groups listed under PIANO 110.

PIANO 210

Scales and Arpeggios: The same as for Piano 201.

Exercises and Studies: A-PD; Cor-FPT; B-E (any ten). Any three etudes from Cr-Et; C-GP; Cz-AFD. Also P-PE (any ten from No. 13 to the end).

Prepared Pieces: Candidates must prepare and submit for approval a programme of five works comprising one representative work from each of the following periods:

I. Baroque — e.g.

Bach	Italian Concerto. Partitas. Suites. The Well-Tempered Clavier (any prelude and fugue).
Couperin . . .	Ordres.
Handel	Suites.
Rameau	Ordres.
D. Scarlatti . .	Sonatas.

II. Classical — e.g.

Beethoven . . .	Concertos (first or last movement of any of the piano concertos with cadenza). Sonatas.
Haydn	Sonatas.
Mozart	Concertos (first or last movement of any of the piano concertos with cadenza). Sonatas.

III. Romantic — e.g.

Brahms	Ballades. Intermezzi. Rhapsodies.
Chopin	Ballade in A Flat Major. Berceuse. Etudes. Polonaises.
Liszt	Etudes ("Forest Murmur", "Un Sospiro"). Polonaise in E Major.
Mendelssohn . .	Rondo Capriccioso.

Schubert . . . . Impromptus (any two).
Sonata Op. 120.

Schumann . . . Carneval de Vienne.
Fantasiestücke.
Kreisleriana.
Novelettes.

IV. Impressionist — e.g.

Debussy . . . . Children's Corner.
Images.
Preludes.
Reflets dans l'eau.
Suite bergamasque.

Ravel . . . . . Jeux d'eau.
Sonatine.

V. Contemporary — e.g.
Works of: Bartok, Howard Fergusson, Hindemith, Milhaud, Poulenc, Shostakovitch, Villa-Lobos, etc.

PIANO 301

Scales and Arpeggios: The same as for Piano 201.

Exercises and Studies: B-E (any ten). Also any three from: C-GP; Cr-Et; Cz-AFD.

Prepared Pieces: The same as for Piano 210.

PIANO 302

Scales, Arpeggios, Exercises and Studies: The same as for Piano 301.

Prepared Pieces: Candidates must prepare a previously approved sonata programme consisting of one each of sonatas by Scarlatti, Mozart, Beethoven, and by one Romantic composer.

Pedagogy: Candidates are required to demonstrate their pedagogical skill in instructing a beginner in basic principles. In addition, candidates will be examined as to their knowledge of, and ability to demonstrate, underlying principles of fingering. Also application of these principles in the scales, arpeggios, exercises, studies and prepared pieces.

PIANO 310

Prepared Pieces: The performance, from memory, of a previously approved representative recital programme, also to be given in public if required. The examination also calls for the performance of one piano concerto (e.g. Bach, Mozart, Beethoven, Chopin, Schumann, Liszt, Grieg, Tschaikovsky, Brahms (D Minor), Rachmaninoff (C Minor).

PIANO 401

The same as Piano 310.

PIANO 402

Prepared Pieces: Candidates are to perform a previously approved programme of five works as in Piano 301 (210).

Pedagogy: Candidates must demonstrate their skill in analyzing technical and musical problems involved in teaching the following: hand- and arm-position, relaxation, principles of fingering, legato and staccato touch, pedalling, execution of ornaments, phrasing, differences of style according to historical period of composition, differences of teaching method.

ORGAN

ORGAN 101

Scales: All major, minor (melodic and harmonic), and chromatic scales played with varying degree of touch and speed:

(a) manuals only, hands together at octave, third, and sixth through three octaves;

(b) pedals only, through the full extent of the pedal board;

(c) manuals and pedals, the hands at the interval of an octave with the pedals.

Arpeggios: Common chords, major and minor, in the keys of C, D flat, D, E flat, E, and F;

(a) manuals only through three octaves;

(b) pedals only through two octaves;

(c) one hand and pedals combined in similar and contrary motion.

Prepared Pieces: [1] At the examination the candidate will be required to play the whole of either:

List A: Bach, Ein' Feste Burg (XVIII) [2], Willan, Prelude and Fugue in B Minor; Frank Bridge, Prelude;

or

List B: Bach, Aria in F (XII); Harold Darke, Prelude on a Theme by Tallis; Max Reger, Benedictus.

[1] At the examination questions will be asked concerning the registration of the prepared pieces. This applies as well to the examinations for subsequently listed organ courses.

[2] Bracketed Roman numerals in the present section (Organ) refer to volume numbers in the recommended Novello edition of Bach's organ works.

ORGAN 110

Scales and Arpeggios: The same as for Organ 101.

Prepared Pieces: At the examination the candidate will be required to play the whole of either:
List A: Bach, Prelude and Fugue in A (III, p. 64); Harold Darke, Prelude on "St. Peter"; Hindemith, Sonata No. 2; *or*
List B: Bach, Christ ist erstanden (three verses) (XV); Schumann, No. 1 of four Sketches (ed. Biggs); Franck, Cantabile in B.

ORGAN 201

Scales: All major, minor (melodic and harmonic), and chromatic scales played with varying degrees of touch and speed: (a) and (b) as for Organ 101 but with increased proficiency, (c) manuals (both hands) and pedals at intervals of octave, third, and sixth in similar motion.

Arpeggios: Common chords in similar motion in all keys, manuals and pedals combined.

Prepared Pieces: At the examination the candidate will be required to play the whole of either:
List A: Bach, Sonata No. 2 (IV); Brahms, Herzlich tut mich verlangen; Langlais, Française (Suite Française); *or*
List B: Bach, Valet will ich dir geben (XIX); Mendelssohn, Sonata No. 2; Arthur Egerton, An Easter Prelude.

ORGAN 210

Scales: All major, minor (melodic and harmonic), and chromatic scales played with varying degrees of touch and speed:
(a) manuals only in similar and contrary motion, beginning with either the highest or lowest notes, at intervals of an octave, third and sixth, — also double thirds in similar motion only;
(b) pedals only, single notes and octaves;
(c) manuals and pedals together, one note to each hand, and pedals at intervals of octave, third, and sixth, with all variations of similar and contrary motion.

Arpeggios: Common chords in similar and contrary motion in all keys, manuals and pedals combined.

Prepared Pieces: At the examination the candidate will be required to play the whole of either:
List A: Bach, Toccata in F (IX, p. 176); Mendelssohn, Sonata No. 3; Franck, Pastorale; *or*
List B: Bach, Prelude and Fugue in B Minor (VII, p. 52); Howells, Sarabande for the Morning Star of Easter; Dupre, Fifteen Pieces for Organ (any three pieces).

ORGAN 301

Scales and Arpeggios: The same as for Organ 210.

Prepared Pieces: At the examination the candidate will be required to play the whole of either:

—List A: Bach, "Dorian" Toccata and Fugue (X, p. 196); Mendelssohn, Allegretto from Sonata No. 4; Widor, Symphony No. 6 (first movement); *or*

—List B: Bach, Sonata No. 6 (V); S.S. Wesley, Choral Song and Fugue; Langlais, Suite Française (Nazard).

ORGAN 302

Scales and Arpeggios: The same as for Organ 210.

Prepared Pieces: At the examination the candidate will be required to play the whole of either:

—List A: Bach, Fantasia in G (IX, p. 168); Rheinberger, Allegro non troppo from Sonata No. 5; Messiaen, Le Banquet céleste; *or*

—List B: Bach, Fugue in E Flat (XVI); Saint-Saens, Prelude in B; Langlais, Elevation (Hommage à Frescobaldi).

Pedagogy: The candidate will also be examined upon his knowledge of, and ability to demonstrate, the basic principles of fingering and pedalling, and their application in the scales, arpeggios, exercises, and pieces prepared. He will, in addition, be required to demonstrate his pedagogical skill in instructing a beginner in basic principles.

ORGAN 310

Prepared Pieces: The candidate will be required to present a public recital of one hour duration with selections from the ensuing list as well as additional items of the candidate's own choice.

Bach, Toccata, Adagio and Fugue (IX, p. 137); Bach, Variations on "Sei gegruesset, Jesu, gutig" (XIX); Bach, Concerto in A Minor (XI); Bach, Prelude and Fugue in D Major (XI); Mozart, Fantasia in F Minor; Liszt, Prelude and Fugue on BACH; Franck, Chorale No. 3; Dupre, Variations on a Noel; Willan, Introduction Passacaglia and Fugue; Hindemith, Sonata No. 1; Sowerby, Air with Variations; Jehan Alain, Litanies.

ORGAN 401

Prepared Pieces: The same as for Organ 310.

ORGAN 402

Prepared Pieces: At the examination the candidate will be required to play the whole of either:
—List A: Bach, An Wasserflussen Babylon (five part) (XVIII, p. 13); Elgar, Sonata in G (first movement); Jehan Alain, Le Jardin suspendu; *or*
—List B: Bach, Prelude in E Flat (XVI); Bairstow, Prelude on Vexilla Regis; Harold Darke, A Fantasy.

Pedagogy: The candidate must also demonstrate his skill in analyzing all technical and musical problems involved in teaching, such as bodily positions, principles of fingering and pedalling, varieties of touch, execution or ornaments, phrasing, registration, differences of style according to historical period of composition, differences of teaching methods. The candidate must also give a pedagogical demonstration of instruction with an advanced pupil (Organ 10-11). There will be an assessment of results with young student assigned to the candidate for regular teaching at the beginning of the year.

HARPSICHORD

HARPSICHORD 101 Introduction to figured bass playing. (Recommended text; R.O. Morris, Figured Harmony at the Keyboard.) More advanced study of the different keyboard schools and of ornaments. Special finger exercises for harpsichord touch and technique. Sample repertoire: Bach, Three-Part Inventions; Bach, French Suites; Blow, Ground; Rameau, Les tendres plaintes; Scarlatti, Study in G.

HARPSICHORD 201 Further study of figured bass. Continuo and sonata playing. Study of concertos for harpsichord. Sample repertoire: Bach, Concerto in F Minor; Bach, Preludes and Fugues; Bach, Suite in B Minor for Flute, Strings and Continuo; Handel, Sonatas for Violin and Harpsichord; Scarlatti, Sonatas.

VOICE

VOICE A 101. (Concert: Lied-Oratorio) Continuation and extension of technical exercises and studies listed under Voice 10 and 11 (Junior Department of the Conservatorium) as well as Randegger's Singing Primer. (Exercises on pages 38, 41, 48, 102, 104, 107, 161 selected according to voice.) Extension of repertoire of traditional German, French, English, and modern songs. Study of suitable parts from the oratorio and cantata literature. Examination requirements: 3 studies of a contrasting nature, 4 Songs (1 each of German, French, English, and modern songs). 1 excerpt each from Oratorio and Cantata.

VOICE B 101. (Opera) Thorough study of early Italian, French, and English opera. Opera buffa; opera seria.

VOICE A 110. The same as Voice A 101-201.

VOICE B 110. The same as Voice B 101-201.

VOICE A 201. Continuation and extension of Voice A 101.

VOICE B 201. Continuation and extension of Voice B 101. Also early German Opera; singspiel; light opera.

VOICE 202. The same as Voice B 101.

VOICE A 210. The same as Voice A 201-301.

VOICE B 210. The same as Voice B 201-301.

VOICE A 301. Candidates must prepare a previously approved programme of three groups, comprising examples from the oratorio and cantata literature, early Italian or French opera, German Lieder, French art-songs, contemporary songs.

VOICE B 301. Nineteenth century grand opera. Wagner, Verdi, Meyerbeer, Saint-Saens, Puccini, etc. Candidates must be prepared to participate in the stage-productions of the opera-school and must know at least one complete leading role and one complete minor role from among the works of any of the above-named composers.

VOICE 302. The requirements are the same as for Voice 301. In addition, the candidate will be examined as to his knowledge of, and ability to demonstrate, underlying technical principles and their application to the pieces prepared, and will have to show his pedagogical skill in instructing a beginner in basic principles.

VOICE A 310. The performance of a previously approved representative song-recital programme, also to be given in public, if required. The examination also calls for a complete solo cantata, or a complete oratorio part, as well as a demonstration of the candidate's practical acquaintance with the general repertoire of the concert-singer.

VOICE B 310. The candidate must know three leading operatic roles from three different periods (e.g.: one Mozart, one Rossini; one Wagner, Verdi, or Puccini), as well as three minor operatic roles from the eighteenth or nineteenth century repertory.

VOICE A 401. The same as Voice A 310.

VOICE B 401. Same as Voice B 310.

VOICE 402. The candidate will have to perform a previously approved programme of songs, and excerpts from the cantata, oratorio, and opera literature. In addition, he will have to demonstrate his ability in analyzing all technical and musical problems involved in teaching: voice classification, voice production, tone placement, breath control, diction, phrasing, differences of style according to historical period and type of composition, differences of teaching methods (Italian, German, French schools). The candidate will also have to give a pedagogical demonstration of instruction with advanced pupil (Voice 10). There will be an assessment of results with young student assigned to candidate at beginning of the year. Also required: a practical knowledge of teaching materials as well as of the concert-singer's general repertoire, including operatic arias.

ENSEMBLE COURSES

(A) KEYBOARD:

PIANO ACCOMPANIMENT 101. Accompaniment of songs and arias by pre-classical, and romantic composers. In conjunction with regular singing classes.

1 hour.

PIANO ACCOMPANIMENT 201. Songs by Debussy, Franck, Mahler, Richard Strauss, Wolf, and contemporary composers. Analysis of differences between solo and accompaniment playing.

1 hour.

PIANO ENSEMBLE 101. The object of this course is to develop sight-reading and pianistic team-work, and to promote an acquaintance with original works for the medium, as well as with four-hand arrangements of the chamber music and symphonic literature. Works and arrangements of works by Beethoven (Septet, Symphonies — Vols. I and II), Clementi, Haydn, Mozart, Mendelssohn (Octet), Schubert, and Weber.

1 hour.

PIANO ENSEMBLE 201. Overtures of Wagner and Weber. Symphonies of Beethoven (Vols. IV-VIII), Haydn, Mendelssohn, Mozart, Schubert, and Schumann, as well as those of Bruckner, Franck, and Mahler. Symphonic poems of Richard Strauss. Original music for two pianos by Arensky, Chopin, Rachmaninoff, Reger, etc.

1 hour.

(B) OPERA:

ACTING 201. History of acting in opera. Stage terms. Stage deportment. Methods of interpretation through mime. Schools of expression. Analysis of different acting styles in opera. Practical work: grouping, miming, moving. Scene miming from standard operas.

1 hour.

REPERTORY COACHING 201. In conjunction with Voice B 201.

1 hour.

REPERTORY COACHING 301. In conjunction with Voice B 301.

1 hour.

REPERTORY COACHING 401. In conjunction with Voice B 401.

1 hour.

STAGING 301. History of mise en scène. Production elements of opera: music, libretto, singers, chorus, orchestra conductor, ballet, stage, prompter, building, lighting, scenery, costumes, props.

1 hour.

STAGING 401. The production of an opera from start to performance.

1 hour.

(C) CHORUS:

CHORAL CONDUCTING 301. A basic course in choral technique, choir psychology, and conducting methods. Special attention will be given to intonation, blend, tone, diction, and phrasing. Choral literature will be studied up to J. S. Bach, and students will conduct a Bach cantata.

1 hour.

CHORAL CONDUCTING 401. A course in conducting choral music of the Romantic and Contemporary schools. Score study and preparation. Students will have the opportunity of conducting the Conservatorium Choir.

1 hour.

CHURCH CHORAL MUSIC 301. A survey of religious choral music until 1700. The use of the hymn in worship. Organization and management of the church choir.

1 hour.

CHURCH CHORAL MUSIC 401. Religious choral music from 1700 to the present day. Available materials for church choirs will be studied and performed. The relationship of the choir director to the minister, the congregation, and the church will be discussed.

1 hour.

COLLEGIUM MUSICUM 101. A course in Renaissance vocal ensemble music including the English, Franco-Flemish, German, and Italian schools. Special attention will be given to styles and interpretation, and the international phonetic alphabet will be used for language diction.

2 hours.

COLLEGIUM MUSICUM 201. A continuation of Collegium Musicum 101, with emphasis on Baroque and contemporary ensemble music in which solo singing participation and instruction play an important part.

2 hours.

CONSERVATORIUM CHOIR. Detailed study and performance of choral literature selected from the great schools of choral composition. The programme provides a four-year comprehensive survey of choral music.

2 hours.

FOURTH YEAR ELECTIVE COURSES

ORGAN REPERTORY 401. This course is intended to supplement Organ 401 by giving Fourth Year organ students the opportunity to perform and discuss the masterworks of the Organ within a class group. The elements of style, form, registration, interpretation, programme-design, performer — and audience — psychology, and music-criticism will be examined.

1 hour.

PIANO REPERTORY 401. This course is intended to supplement Piano 401 by giving Fourth Year piano students the opportunity to perform and discuss the masterworks of the Piano, within a class group. The elements of style, form, interpretation, programme-design, performer — and audience — psychology, and music-criticism will be examined.

1 hour.

RADIO 401: RADIO PROGRAMMING, CONTINUITY WRITING, AND ANNOUNCING. Programming of musical, dramatic, and variety broadcasts. Elements involved; choice and arrangement of material. Continuity writing for musical, dramatic, variety, and miscellaneous programmes: formats, research, style. Announcing. Techniques of voice production. Vocabulary. Style. Reading. Functions of announcer. Sustaining programmes, commercials. The history of radio.

1 hour.

RADIO 402: RADIO MUSIC PRODUCTION AND STUDIO TECHNIQUES. The development of broadcasting. Acoustics in broadcasting; analysis of acoustical reports to determine studio characteristics. Studio equipment: microphones, control-board, disc-and tape-recorder. Production team: artist,

announcer, technician, producer. Studio techniques: solo recital, instrumental ensemble, studio orchestra, concert orchestra. Casting office. Auditioning procedures. Legal regulations in broadcasting. Attendance at live broadcasts and rehearsals.

1 hour.

DEPARTMENT OF ORCHESTRAL INSTRUMENTS

PRACTICAL COURSES

VIOLIN

VIOLIN 101

Scales: All major and minor (melodic and harmonic) scales in thirds and sixths, one note to each bow, through two octaves. Also all scales through three octaves with four different bowings. Chromatic scales through two octaves, starting from G, B flat, and D.

Arpeggios: All major and minor chords through three octaves. Dominant seventh chords in all keys through three octaves.

Prepared Pieces: Candidates must perform any one etude from the works of each of the following composers: Dont, Fiorillo, Gavinies, Kreutzer, Rode, Rovelli.

VIOLIN 110

Scales and Arpeggios: The same as for Violin 101.

Prepared Pieces: The same as for Violin 101. Candidates must also perform one selection from each of the following groups:

I. Sonatas — Beethoven, Sonata in F Major, Op. 24; Beethoven, Sonata in G Major, Op. 30 No. 3.

II. Concertos (first or second and third movement with cadenzas) — Mendelssohn, Concerto in E Minor; Mozart, Concerto in D; Mozart, Concerto in A.

VIOLIN 201

Scales: All major and minor (melodic and harmonic) scales in thirds, sixths, octaves, and tenths, one note to each bow and two notes slurred, through two octaves. Chromatic scales through two octaves, beginning on any note.

Arpeggios: All major and minor chords through three octaves. In octaves and tenths through two octaves. Also dominant and diminished seventh chords in all keys through three octaves.

Prepared Pieces: Campagnoli, Divertissements (Nos. 2 and 6). Dont, Studies Op. 37 (any one of the last three); Paganini, Caprices Op. 1 (Nos. 13 and 24); Wieniawski, L'Ecole Moderne Op. 10 (Nos. 1 and 3).

VIOLIN 210

Scales and Arpeggios: The same as for Violin 201.

Prepared Pieces: The same as for Violin 201. Candidates must also perform one selection from each of the following groups:

I. Sonatas — Brahms, Sonata in A Major; Dohnanyi, Sonata.

II. Concertos — Bruch, Concerto in G Minor; Lalo, Symphonie Espagnole (first, fourth, and fifth movements).

VIOLIN 301

Prepared Pieces: The performance of a previously approved sonata recital programme of approximately one hour duration, consisting of classical, romantic and contemporary works. After the examination a public recital may be required. Suggested works: any of the Mozart, Beethoven, or Brahms sonatas, as well as those by Dohnanyi, Franck, Debussy, Ravel, Faure, Prokofieff, Copland or a Canadian composer.

VIOLIN 302

Scales and Arpeggios: Knowledge and demonstration of underlying technical principles involved in the performance of all scales and arpeggios of previous grades using at least three different bow groupings.

Prepared Pieces: Knowledge and demonstration of underlying technical principles involved in the performance of the following studies: Campagnoli, Divertissement (Nos. 2 and 6); Dont, Studies Op. 37 (any two of the last six); Paganini, Caprices Op. 1 (Nos. 13, 17 and 24); Wieniawski, L'Ecole Moderne Op. 10 (Nos. 1, 3, and 5).

Pedagogy: A pedagogical demonstration with young student is required.

VIOLIN 310

Prepared Pieces: The performance from memory of a previously approved recital programme lasting one hour. After examination a public recital may be required. The order of the programme should be as follows:

(1) Unaccompanied suite — e.g. any one of the Bach suites or sonatas for unaccompanied violin.

(2) Concerto — e.g. any one of the Mozart, Beethoven, Brahms, Saint-Saens (B Minor), Bruch (G Minor or D Major), Glazounov, Prokofieff (Op. 19 No. 1), Elgar, or Walton concerti; also Lalo's Symphonie espagnole.

(3) Group of pieces — e.g. Bloch, "Baal Shem" Suite; Nin, Suite espagnole; Szymanowski, La Fontaine d'Arethuse.

Any contemporary works of a similar nature may be presented, including a work by a Canadian composer (unaccompanied suite, concerto, or group of pieces).

VIOLIN 401

The same as Violin 310.

VIOLIN 402

Prepared Pieces: The requirements are the same as those for Violin 301.

Pedagogy: The candidate will have to give a pedagogical demonstration of instruction with advanced pupil (Violin 10-11). There will be an assessment of results with young student assigned to candidate for teaching at the beginning of the year. The candidate will, in addition, be required to demonstrate his skill in analyzing technical and musical problems involved in teaching, e.g. bowing, fingering, detached and slurred playing, varieties of tone, vibrato, execution of ornaments, phrasing and differences of style according to historical period of composition, differences of teaching methods.

VIOLA

VIOLA 101

Scales: All major and minor (melodic and harmonic) scales in thirds and sixths, one note to each bow, through two octaves. Also all scales through three octaves with four different bowings. Chromatic scales through two octaves, starting from G, B flat, and D.

Arpeggios: All major and minor chords through three octaves. Dominant seventh chords in all keys through three octaves.

Prepared Pieces: Candidates must perform any one etude from the works of each of the following composers: Dont, Fiorillo, Kreutzer, Rode, and Rovelli.

VIOLA 110

Scales and Arpeggios: The same as for Viola 101.

Prepared Pieces: The same as for Viola 101. Candidates must also perform one selection from each of the following groups:

I. Sonatas — Handel, Sonata in C Major; Vivaldi, Sonata in G Minor.

II. Concertos — Stamitz, Concerto in D; Telemann, Concerto in G.

VIOLA 201

Scales: All major and minor (melodic and harmonic) scales in thirds, sixths, and octaves, one note to each bow and two notes slurred, through two octaves. Chromatic scales, through two octaves, beginning on any note.

Arpeggios: All major and minor chords through three octaves. In octaves through two octaves. Dominant and diminished seventh chords in all keys through three octaves.

Prepared Pieces: Any two studies from the books of Campagnoli, Gavinies, Paganini.

VIOLA 210

Scales and Arpeggios: The same as for Viola 201.

Prepared Pieces: The same as for Viola 201. Candidates must also perform one selection from each of the following groups:

I. Sonatas — Boccherini, Sonata in G; Schubert, Arpeggione Sonata.

II. Suite or Concerto — J. Chr. Bach, Concerto; Handel, Concerto; Tchemberdchy, Suite; Vaughan Williams, Suites (any one of three).

VIOLA 301

Prepared Pieces: The performance of a previously approved sonata recital programme of approximately one hour duration, consisting of classical, romantic, and contemporary works. After the examination a public recital may be required. Suggested works: Bach, Gamba Sonatas; Brahms, Sonata in E flat; Brahms, Sonata in F minor; Honegger, Sonata; Marcello, Sonata in F; Milhaud, Sonata No. 1; Vitali, Chaconne.

VIOLA 302

Scales and Arpeggios: Knowledge and demonstration of underlying technical principles involved in the performance of all scales and arpeggios of previous grade using at least three different bow groupings.

Prepared Pieces: Knowledge and demonstration of underlying technical principles involved in the performance of three studies from each of the following: Campagnoli, Gavinies, Paganini.

Pedagogy: A pedagogical demonstration with young student is required.

VIOLA 310

Prepared Pieces: The performance from memory of a previously approved recital programme lasting one hour. After examination, a public recital may be required. The order of the programme should be as follows:

(1) Unaccompanied Suite — e.g. any one of the sonatas of Bach or Hindemith.

(2) Concerto — e.g. any one of the concertos by Bartok, Serly, or Tansman.

(3) Group of pieces — e.g. Beethoven, Variations Op. 66; Bloch, Suite; Schumann, Maerchenbilder; Stravinsky, Elegy; Weber, Andante and Rondo Hongroise.

VIOLA 401

The same as Viola 310.

VIOLA 402

Prepared Pieces: The requirements are the same as those for Viola 301.

Pedagogy: The candidate will have to give a pedagogical demonstration of instruction with advanced pupil (Viola 10-11). There will be an assessment of results with young student assigned to candidate for regular teaching at the beginning of the year. The candidate will also have to demonstrate his skill in analyzing all technical and musical problems involved in teaching e.g. bowing, fingering, detached and slurred playing, varieties of tone, vibrato, execution of ornaments, phrasing, differences of style according to historical period of composition, differences of teaching methods.

CELLO

CELLO 101

Scales: All major, minor (melodic and harmonic), and chromatic scales through four octaves. Detached and slurred.

Arpeggios: All major and minor chords, through three octaves, slurred and detached.

Prepared Pieces: Candidates must perform any two studies from each of the following books of studies: Duport, Franchomme, Gruetzmacher.

CELLO 110

Scales and Arpeggios: The same as for Cello 101.

Prepared Pieces: The same as for Cello 101. Candidates will also have to perform: Bach, Accompanied Gamba Sonata; Saint-Saens, Concerto.

CELLO 201

Scales: All major, minor (melodic and harmonic), and chromatic scales through four octaves, with four different bowings.

Arpeggios: All major and minor chords through three octaves with four different bowings.

Prepared Pieces: Six difficult excerpts from the classical and romantic chamber music repertory, e.g. Mozart, Divertimento (String Trio) in E flat; Schubert, Piano Trio in B Flat, etc.

CELLO 210

Scales and Arpeggios: The same as for Cello 201.

Prepared Pieces: The same as for Cello 201. Candidates will also have to perform a sonata by Beethoven or Brahms, or the Concerto of Lalo.

CELLO 301

Prepared Pieces: The performance of a previously approved sonata recital programme of approximately one hour duration consisting of classical, romantic, and contemporary works. After the examination, a public recital may be required. Suggested works: Bach, any of the accompanied gamba sonatas; Beethoven: any of the sonatas or variations; Brahms, either of the two sonatas; a sonata by Kodaly, Prokofieff, Shostakovitch, (accompanied).

CELLO 302

Scales and Arpeggios: Knowledge and demonstration of underlying technical principles involved in the performance of all scales and arpeggios of previous grades, as well as three-octave scales in thirds and sixths.

Prepared Pieces: Knowledge and demonstration of underlying technical principles involved in any two works selected from each of the following books of studies: Hugo Becker, Duport, Franchomme, Gruetzmacher, Popper (High School of Cello Playing).

Pedagogy: A pedagogical demonstration with young student is required.

CELLO 310

Prepared Pieces: Three studies from each of the following: Hugo Becker, Popper. In addition, the candidate will have to perform a previously approved recital programme of approximately one hour duration. Suggested works:

(1) Any of the unaccompanied Bach suites.

(2) Any of the following concertos: Boccherini, Dvorak, Haydn, Lalo, Saint-Saens, Schumann.

(3) Bloch, Pieces from Jewish Life; Cassado, Suite; Nin, Suite; Popper: selected group of pieces.

CELLO 401

The same as Cello 310.

CELLO 402

Prepared Pieces: The requirements are the same as for Cello 301.

Pedagogy: The candidate will have to give a pedagogical demonstration of instruction with advanced pupil (Cello 11). There will be an assessment of results with young student assigned to candidate for regular teaching at the beginning of the year. The candidate will also have to demonstrate his skill in analyzing all technical and musical problems involved in teaching, e.g. bowing, fingering, detached and slurred playing, varieties of tone, vibrato, execution of ornaments, phrasing, differences of style according to historical period of composition, differences of teaching methods.

DOUBLE BASS

DOUBLE BASS 101

Progressive bow- and finger-technique exercises. Bach, Arioso; Eccles, Sonata; Fauré, Après un rêve. Schubert, Octet and "Trout" Quintet.

DOUBLE BASS 201

Dragonetti, Concerto. The study of orchestral parts from: Mozart, Magic Flute and Marriage of Figaro; Mozart, Symphony No. 39; Weber, Overtures to Euryanthe and Oberon; R. Strauss, Till Eulenspiegel.

DOUBLE BASS 301

Koussevitzky, Concerto; Nanny, Caprice No. 1. Prokofieff, Quintet. R. Strauss, Death and Transfiguration.

DOUBLE BASS 401

Simandl, Gradus ad Parnassum (Twenty-Four Studies). Mozart, Per questa bella mano-Obbligato for Double Bass and Voice; R. Strauss, Don Juan; Stravinsky, Pulcinella. Orchestral excerpts: Bach, Suite in B Minor; Bruckner, Symphonies; Wagner, excerpts.

FLUTE

FLUTE 101

Anderson, Etudes Op. 15 and 33; Barrere, The Flutist's Formulae; Boehm, 24 Caprices Op. 26; Moyse, Scales and Arpeggios. Chamber Music of the 17th and 18th century; sonatas by Bach; concertos by Gluck, Gretry and Haydn. Easier contemporary pieces.

FLUTE 201

Andersen, Etudes Op. 30 and 63; Hughes, 24 Studies; Moyse, Technical Studies and Exercises. Bach, Suite in B Minor and Brandenburg Concerto No. 5; concertos by Mozart; quartets and trios by Mozart and Beethoven. Debussy, Syrinx; Fauré, Fantasia; Ibert, Piece for Solo Flute; and similar pieces.

FLUTE 301

Andersen, Virtuoso Studies Op. 60; Kohler, 8 Exercises Op. 33 Book 111; Moyse, Daily Exercises; Taffanel-Gaubert, Grandes Etudes de Virtuosité. Paris Conservatory Pieces. Schubert, Variations. Study of orchestral solo passages.

FLUTE 401

Andersen, Virtuoso Studies Op. 60; Moyse, 48 Studies of Virtuosity. Ibert, Concerto. Modern flute solos. Study of orchestral solo passages.

FLUTE 110, 210, 310

The contents of these courses will consist of the material of Flute 101, 201, 301 and 401 condensed into three years instead of four.

OBOE (English Horn)

OBOE (ENGLISH HORN) 101

Brod, Six Advanced Sonatas; Ferling, Forty-Eight Studies; Haendel, Sonata in G minor.

OBOE (ENGLISH HORN) 201

Andraud, Vade-Mecum, and other studies. Haendel, Concerto in G Minor; Telemann, Sonata in A Minor. Orchestral repertoire.

OBOE (ENGLISH HORN) 301

G. Gillete, Advanced Studies. Mozart, Concerto in C Major, and Quartet for Oboe and Strings. Orchestral repertoire continued.

OBOE (ENGLISH HORN) 401

Eugene Bozza, Studies; Hugo-Bruyany, Studies; R. Lamorlette, Twelve Studies. Beethoven, Quintet; Gordon Jacob, Concerto; Mozart, Quintet; Vaughan-Williams, Concerto. Orchestral repertoire continued.

OBOE (ENGLISH HORN) 110, 210, 310

The contents of these courses will consist of the material of Oboe 101, 201, 301, and 401 condensed into three years instead of four.

CLARINET

CLARINET 101

All major, minor (melodic and harmonic) and chromatic scales and all arpeggios (common chords, dominant and diminished seventh chords) to be played tongued or slurred and phrased (grouped). Transposition

of a given passage one tone up, and a half tone down. P. Mimart, Studies for Clarinet; A. Perrier, Recueil de sonates pour l'étude du style classique (Books I, II, III). Messager, Solo de Concours; H. Rabaud, Solo de Concours; Weber, Concertos 1 and 2. McGinnis, Orchestral Excerpts, Volumes I and II.

CLARINET 201

Scales and arpeggios as in Clarinet 101. Transposition of a given passage one tone up or down. Carl Baermann, Method (Books 3, 4, and 5); V. Blancon, 40 Etudes; Paul Jeanjean, 16 Etudes; A. Perrier, 20 Studies of Virtuosity. Beethoven, Trio for Clarinet, Cello and Piano; Brahms, Sonatas 1 and 2; P. Gaubert, Fantaisie pour clarinette et piano; Mozart, Trio for Clarinet, Viola and Piano. McGinnis, Orchestral Excerpts, Volumes I and II.

CLARINET 301

E. Bozza, 14 Etudes de mécanisme; A. D. Elia, 12 Studies; A. Perrier, 22 Etudes modernes. Brahms, Trios for Clarinet; Debussy, Rapsodie pour clarinette et orchestre; Louis Spohr, concertos; Robert Stark, concertos; C. M. Widor, Introduction and Rondo. Also orchestral repertoire.

CLARINET 401

Transposition of a given passage a minor third up or down. Improvisation of a cadenza. N. Delecluse, Studies on Orchestral Passages; Paul Jeanjean, 18 Etudes. Mozart, Quintet for Clarinet and Strings; also quintets of Arthur Bliss, Brahms, Gordon Jacob. Clarinet concertos by Mozart, Busoni, C. Nielsen, Darius Milhaud, Aaron Copland, Nicola Berezovsky.

CLARINET 110, 210, 310

The contents of these courses will consist of the material of Clarinet 101, 201, 301, 401, condensed into three years instead of four.

SAXOPHONE

SAXOPHONE 101

Labanchi-Iasilli, Books I and II; Terschak, Daily Exercises. Transpositions. Advanced solos.

SAXOPHONE 201

Ferling, 60 Etudes; Soussman, Etudes (Vol. II). Bozza, Concertino, Suite (Scaramouche, Aria, Pulcinella); Preliminary exercises for top notes.

SAXOPHONE 301

Boehm-Terschak, 53 Etudes. P. M. Dubois, Concertstueck; Glazounov, Concerto; H. Tomasi, Ballade.

SAXOPHONE 401

Advanced scales and exercises for top notes. E. Bozza, 12 Caprices; Ibert, Concertino da camera.

SAXOPHONE 110, 210, 310

The contents of these courses will consist of the material of Saxophone 101, 201, 301, and 401 condensed into three years instead of four.

BASSOON

BASSOON 101

Review of previous grades. E. Jancourt, 26 Melodic Studies. Hindemith, Sonata. Orchestral studies.

BASSOON 201

Gambaro, 18 Studies; Giampieri, 16 Daily Studies; Milde, Concert-Studies (Book 1). Concerti by Vivaldi and Mozart. Orchestral studies.

BASSOON 301

Dherin-Pierné, New Technique of the Bassoon; Milde, Concert-Studies (Book II); A. Orefici, Bravura Studies. L. Grondahl, Concerto; Gordon Jacob, Concerto (1947); Weber, Concerto. Orchestral studies.

BASSOON 401

Bertoni, 12 Modern Studies; Marcel Bitsch, Twenty Studies; Bozza, 15 Daily Studies; Piard, 16 Characteristic Studies. Bozza, Fantaisie. Orchestral repertoire.

BASSOON 110, 210, 310

The contents of these courses will consist of the material of Bassoon 101, 201, 301, and 401 condensed into three years instead of four.

TRUMPET

TRUMPET 101

All major and minor scales and arpeggios, to be played slurred, single, double and triple tongued. Sachse, Etudes for Trumpet (No. 12 with transpositions to C, D, E flat, E and F); St. Jacome, Method for Trumpet (No. 8, Artistic Study). Haydn, Concerto for Trumpet.

TRUMPET 201

All major and minor scales and arpeggios to be played slurred, single, double and triple tongued. Charlier, Articulation Exercises (Nos. 3, 5, and 23); Sachse, Etudes for Trumpet (Nos. 1-30, with transpositions to include A, C, D and E flat). Orchestral excerpts for trumpet: Volumes I and II of Wagner's Works; (Breitkopf) Volume I of Strauss's Works (Peters).

TRUMPET 301

Sachse: Etudes for Trumpet (Nos. 1-60, with transpositions to include A, A flat, B, C, D, E flat, E and F). Georges DeLarue, Concertino; Georges Enesco, Legende. Orchestral Excerpts: Same as Trumpet 201; also Volumes I, II, and III of Orchestral Studies of Classical and Modern Works (Bartoldi, ed.)

TRUMPET 401

Sachse, Etudes for Trumpet (Nos. 1-100, with transpositions to C, D flat, D, E flat, E, F, G, A flat, A, B). Obbligato playing. Marcel Bitsch, Quatre Variations Sur Un Thème de Domenico Scarlatti; E. Bozza, Concertino; Jacques Ibert, Impromptu; Saint-Saens, Fantaisie en mi bémol. Orchestral Excerpts; same as Trumpet 301; also Volumes IV and V of Orchestral Studies of Classical and Modern Works (Bartoldi ed.)

TRUMPET 110, 210, 310

The contents of these courses will consist of the material of Trumpet 101, 201, 301, and 401 condensed into three years instead of four.

FRENCH HORN

FRENCH HORN 101
All major, minor and chromatic scales, all arpeggios, each through one octave range. Studies in two clefs.

FRENCH HORN 201
Extension of range in all scales and arpeggios. Diminished seventh chords. Double tonguing, preparatory exercises in trills, use of mute, ability to read in four clefs. Dubois, Cavatina; Franz Strauss, Concerto. Simple orchestral excerpts.

FRENCH HORN 301
Major and minor scales in thirds; arpeggios, dominant and diminished seventh chords and their resolutions. Slurred and staccato, over a range of two octaves. Use of lip trill. Double and triple tonguing in chromatic and diatonic intervals. Mozart concertos. Further studies of orchestral repertory.

FRENCH HORN 401
All transpositions. Standard orchestral and sole repertoire. Dukas, Villanelle; Mozart and Haydn concertos; Mozart, Concert Rondo.

FRENCH HORN 110, 210, 310
The contents of these courses will consist of the material of French Horn 101, 201, 301, and 401 condensed into three years instead of four.

TROMBONE (Tuba)

TROMBONE (TUBA) 101
Lip slurs in all positions. All forms of tonguing. Introduction of alternate positions. Scales and arpeggios (tonic, dominant and diminished seventh chords). Kopprasch, Book 1.

TROMBONE (TUBA) 201
Special emphasis on tone, attack, lip slur. Introduction of tenor and alto clefs. Scales and arpeggios. Blume, Books I and II; Rochut, Book I.

TROMBONE (TUBA) 301
Blasewitsch, 26 Sequences (Rhythm and Clefs); Blume (Book III); Kopprasch (Book II); Rochut (Book II). Pieces and orchestral repertory of easy and medium difficulty.

TROMBONE (TUBA) 401
Advanced methods. Rochut (Book III). Brass Ensemble. Orchestral repertoire.

TROMBONE (TUBA) 110, 210, 310
The contents of these courses will consist of the material of Trombone (Tuba) 101, 201, 301, and 401 condensed into three years instead of four.

PERCUSSION

PERCUSSION 101
Snare drum: Completion of Podemski's Snare Drum Method. Mallets (all phonetic instruments which are struck): Completion of W. Dorn Method, and one solo piece. Timpani: Goodman Method (Section II, up to No. 40) and one solo piece.

PERCUSSION 201

Snare drum: Wilcoxon, All American Drummer (selected exercises). Study of Bass Drum and Cymbal. Technique of all small instruments such as castagnettes, tambour de basque, etc. Mallets: Goldenberg, Selected Exercises. Orchestral repertoire and one solo piece. Timpani: completion of Goodman Method. Tscherepnine: Sonata, and another repertory piece.

PERCUSSION 301

Snare drum and percussion instruments: orchestral repertory. Mallets: Goldenberg Method; studies and repertory. Bach, Concerto in A (two movements). Sight-Reading. Timpani: Goodman Method (Part III). Orchestral repertory including symphonies by Mozart, Beethoven, Mendelssohn, and Brahms; also R. Strauss, Don Juan.

PERCUSSION 401

Snare drum and percussion instruments: general repertory. Mallets: Goldenberg: all repertory and one solo piece. Timpani: general repertory. Special tuning exercises. Striegler, Concerto.

PERCUSSION 110, 210, 310

The contents of these courses will consist of the material of Percussion 101, 201, 301, and 401, condensed into three years instead of four.

HARP

HARP 101

Studies: Bochsa, Cinquante Etudes, Book I (any two).

Prepared Pieces: One obligatory, and two further selections from the following list: Bach-Grandjany, Allemande (No. 2 from Transcriptions Classiques); Bach-Grandjany, Rondo (No. 3 from Six Pieces Classiques); Couperin-Renie, Tic Tac Toc; Damase, Concertino; Grandjany, Colorado-Trail; Handel-Grandjany, Concerto in B Flat; Haydn-Renie, L'Egyptienne; Salzedo, Variations dans le style ancien; Sammartini-Grandjany, Allegretto (No. 4 from Transcriptions Classiques); Tournier, Theme and Variations; Widor, Chorale and Variations; Zabel, La Source.

N.B. Obligatory selection: choice of Damase, Handel-Grandjany, or Widor in above list.

HARP 201

Studies: Bochsa, Cinquante Etudes, Book II (any two). Orchestral repertoire.

Prepared Pieces: One obligatory, and two further selections from the following list: Bach-Renie, Bourree (from Les Classiques de la Harpe, 3eme recueil); Couperin-Grandjany, La Compère (No. 3 from Transcriptions Classiques); Debussy, Clair de Lune; Grandjany, Rhapsodie; Grandjany, Dans la forêt du charme et de l'enchantement; Ravel, Introduction and Allegro; Renie, Allegro from the Concerto in C minor; Tournier, Sonatine, Op. 30; Tournier, Vers la source dans le bois; Pierre, Concertstueck; Prokofieff, Prelude; Salzedo, La Desirade.

N.B. Obligatory selection: choice of Ravel, Renie, or Pierre in above list.

HARP 301

Studies: Dizi, 48 Etudes (any two). Orchestral repertoire.

Prepared Pieces: One obligatory, and two further selections from the following list: Debussy, Danse Sacrée et Danse Profane; de la Presle, Le Jardin Mouillé; Fauré, Impromptu; Francisque-Grandjany, Pavane et Branle; Galeotti, Fantaisie; Gallon, Fantaisie; Handel-Grandjany, Toccata; Salzedo, Chanson dans la Nuit; Tournier, Les Anesses Grises (from 'Images', 3eme Suite); Roger-Ducasse, Barcarolle; Mozart, Concerto for harp and flute.

N.B. Obligatory selection: choice of Debussy, Faure, or Mozart in above list.

HARP 401

Prepared Pieces: Four obligatory selections plus any two other pieces from the following list: Bach-Renie, 10 Preludes and 10 Pieces; Caplet, Divertissement, 1. A La Française, 2. A L'Espagnole; Grandjany, Children's Hour; John Bull-Grandjany, The King's Hunt; Liszt-Renie, Le Rossignol; Renie, Legende 'Les Elfes'; Respighi-Grandjany, Siciliana; Tournier, Danse du Moujik (from 'Images', 4eme Suite); Tournier, Jazz Band; de Falla-Grandjany, Danse Espagnole, from "La Vida Breve"; Tailleferre, Concertino; Hindemith, Sonata; Orchestral repertoire.

N.B. Obligatory selections: any two of Bach-Renie, plus any two chosen from Grandjany, Tailleferre, or Hindemith in above list.

HARP 110, 210, 310

The contents of these courses will consist of the material in Harp 101, 201, 301, 401, condensed into three years instead of four.

ENSEMBLE COURSES

CHAMBER MUSIC 101. Easy duos and trios.

2 hours.

CHAMBER MUSIC 201. Duos and trios of medium difficulty.

2 hours.

CHAMBER MUSIC 301. More difficult trios. Woodwind, brass, and string quartets.

2 hours.

CHAMBER MUSIC 401. Advanced study of quartets and larger groups such as septets, octets, and nonets.

2 hours.

CONSERVATORIUM ORCHESTRA. Rehearsal and performance of suitable orchestral literature selected from the standard repertory.

2 hours.

THE JUNIOR DEPARTMENT OF THE McGILL CONSERVATORIUM OF MUSIC

GENERAL STATEMENT

The Junior Department of the McGill Conservatorium of Music offers preparatory instruction in all instruments and voice, as well as in the theory of music. Theoretical classes, although not obligatory, are nevertheless recommended as an important aid to intelligent and artistic performance. The various subjects differ as to the number of years of preparatory study required. Detailed information is provided in the table on pages 2167-8. Candidates who have succeeded in passing the annual examinations in practical and theoretical subjects are awarded certificates at their respective grade levels.

Students of the Junior Department of the Conservatorium may, with special permission of the Department chairman, participate in certain ensemble courses of the Senior Department, or of the Faculty of Music.

Instruction in certain practical subjects is available during the summer months. Requests for information should be directed to the Secretary of the Conservatorium.

LOCAL CENTRES

In addition to its function as an institution offering courses of musical instruction, the McGill Conservatorium exists as an examining body holding annual examinations in both practical and theoretical subjects at various local centres throughout the Dominion. (The complete list of Local Centres will be found on pages 2197-8). These examinations make it possible for those taking private practical or theoretical instruction, whether in Montreal or in other localities throughout the Dominion, to obtain, free of residence requirements, the grade certificates issued by the Junior Department as well as the diploma of Associate in Music issued by the Senior Department of the Conservatorium (Please refer to pages 2111 and 2126-8). Examinations will be arranged by the Secretary when required and new centres formed upon request. Theoretical examinations at each centre are conducted under the supervision of a local representative of McGill University. All papers will be sent to McGill University itself. Practical examinations are conducted by visiting examiners. Every certificate gained by candidates in any of the public examinations will bear the imprimatur of McGill University.

STUDY COURSES

The Junior Department of the McGill Conservatorium of Music also offers instruction to those who, while not interested in obtaining either grade certificates or diplomas, wish to study practical or theoretical subjects for their cultural or professional value.

ADMISSIONS — AUDITIONS

All applications for admission to the Junior Department of the McGill Conservatorium of Music must be directed to the Secretary of the Faculty of Music, McGill University, 3450 Drummond Street, Montreal 25, Que. (Tel.: VIctor 9-9181, Local 482.)

All students in the Junior Department are registered as Partials.

Applicants who have had private or other music study elsewhere must arrange for an audition in their practical subject as well as for a theory placement test.

EXAMINATIONS

Sessional Examinations

Final sessional examinations in all theoretical subjects are held in late April and early May. Examinations in all practical subjects take place during the first three weeks of May.

Deferred Examinations

Deferred practical examinations are permitted only in case of illness or other exceptional circumstances. A written request for the deferment of examination must be submitted to the Dean.

Supplemental Examinations

Students who have failed to obtain the passing grade of 60% in any written examination have the choice of: (a) passing a supplemental examination in that subject in the fall; (b) repeating the course.

Local Centre Examinations

Theoretical examinations are held at the local centres on the date of the regular sessional examinations of the Conservatorium. Practical examinations take place during May, June, and July. The regulation concerning deferred examinations applies as well to local centre candidates who also have the privilege of writing supplemental examinations in the event of failure.

Forms of entry for all local center examinations may be obtained from the Secretary of the Faculty of Music, or from either the local honorary representatives or secretaries. A complete list of local centres will be found on pages 2197-8. For further information concerning local centre examinations please refer to page 2111.

CLASSIFICATION OF MARKS

100—95%	Very High Distinction
94—90%	High Distinction
89—80%	Distinction
79—70%	Honours
69—60%	Pass
Below 60	Failure

FEES

TUITION FEES

N.B. The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require

The fee for theory classes in the Junior Department is $20 per session. Fees for practical courses in the Junior Department are scaled according to grade and medium as follows:

MEDIUM	GRADE		
	4,5,6	*7,8,9*	*10,11*
Keyboard Instruments	$126	$162	$216
Voice	—	180	216
Violin, Viola, Cello	126	180	216
Other Instruments	—	162	180

EXAMINATION FEES

Examination fees for courses in the Junior Department of the Conservatorium are as follows:

THEORETICAL COURSES:

Grade 7	$ 2
" 8	4
" 9	6
" 10	8
" 11	10

PRACTICAL COURSES:

Grade 4	$ 2
" 5	4
" 6	5
" 7	6
" 8	7
" 9	8
" 10	10
" 11	12

LOCAL CENTRES

Fees for local centre examinations are the same as those listed above for Conservatorium (Junior Department) examinations. In the case, however, of examinations leading to the diploma of Associate in Music, Senior Department rates will apply.

DATES OF PAYMENT

TUITION FEES

The University does not issue bills for fees. Fees are due and payable at the Chief Accountant's Office between the hours of 9 a.m. and 4 p.m. (Saturday 9 a.m. to 11 a.m.) on or before October 1st.

Remittance may be made by mail in which case cheques or money orders should be made payable to McGill University, and addressed to the Cashier, Accounting Department, McGill University, Montreal 2, P.Q.

Fees may be paid in two instalments, one at the beginning of the session, the other not later than January 15th. In such cases, the instalment fee of $5 is charged.

Special fees and penalties for late payment are shown in the General Information pamphlet which accompanies this announcement.

EXAMINATION FEES

All examination fees, including those for local centre examinations, must be paid in advance to the Secretary of the Faculty of Music, McGill University. In the case of local centre examinations, forms of application duly filled in by the candidate and accompanied by the examination fee must reach the Secretary in Montreal on or before April 1st.

ATTENDANCE REGULATIONS

1. All students are required to be punctual at all lessons.
2. The attendance register must be signed by the student after each lesson in a practical subject.
3. Lessons in practical subjects missed in consequence of the instructor's absence will be made up at the mutual convenience of instructor and pupil. Lessons missed in consequence of the pupil's absence will be made up only if notice of cancellation has been given forty-eight hours in advance, or if a doctor's certificate is produced.

PROGRAMME OF STUDIES IN THE CONSERVATORIUM OF MUSIC—JUNIOR DEPARTMENT

Students in the Junior Department of the Conservatorium may take courses in theory or in any of the practical subjects on pages 2167-8. Theory instruction, while not obligatory, is recommended to all students of instruments or voice as a means of developing musicianship.

SPECIAL REQUIREMENTS FOR PRACTICAL EXAMINATIONS

Tests in sight-reading, ear training and rudiments of music, form a part of all practical examinations held by the Junior Department of the Conservatorium.

(a) *Sight-Reading.* The sight-reading tests for all practical subjects involve pieces of not greater difficulty than those prepared for the previous examination. No sight-reading test is given in the initial grade of any practical subject.

(b) *Ear Training.* Ear tests at all practical examinations are as follows:

Grade	Test
4	The candidate will be required to reproduce (sing, hum or play) a simple three-note motive previously played by the examiner. He will also be required to tap a given simple rhythmic pattern.

5 — The candidate will be required to identify (either by name of note or by interval) major and minor thirds, as well as perfect fifths and octaves played as melodic intervals by the examiner. He will also be required to reproduce given melodic and rhythmic patterns of brief duration.

6, 7, 8 — The candidate will be required to identify (either by name of note or by interval) any diatonic note struck by the examiner in the scales of C, F, or G Major, within an octave of the given tonic note. Reproduction of given melodic and rhythmic patterns as for Grade 5.

9, 10, 11 — The candidate will be required to identify (either by name of note or by interval) any diatonic or chromatic interval played within the limit of an octave above or below any note selected by the examiner. The notes of the given interval will be played either: (a) in succession, (b) simultaneously. Melodic and rhythmic tests will be at a more advanced level of difficulty. Candidates will also be required to identify major, minor, diminished and augmented triads, as well as the dominant seventh chord in root position.

(c) *Rudiments.* The questions on musical rudiments will deal with note and rest values, key and time signatures, and expression marks. Questions on registration in the prepared pieces will be asked at the Organ 10 and Organ 11 examinations.

N.B. Information concerning the distribution of marks in the final practical examination is available to teachers and candidates. Requests for such information should be addressed to The Secretary of the Conservatorium.

COURSES OF INSTRUCTION

N.B. The lowest grade number assigned to the respective subjects in the Junior Department differs according to the number of years of pre-college study required in each case. The final grade number for all subjects in the Junior Department is eleven. The following table lists the various grades of study for each of the subjects offered in the Junior Department curriculum. Pamphlets describing the Local Centre Examination requirements in theoretical and practical subjects may be obtained from the Secretary of the Conservatorium.

I. THEORETICAL SUBJECTS:

Theory 7, 8, 9, 10, 11

II. PRACTICAL SUBJECTS:

Piano 4, 5, 6, 7, 8, 9, 10, 11
Violin 5, 6, 7, 8, 9, 10, 11
Clarinet 7, 8, 9, 10, 11
Recorder 7, 8, 9, 10, 11
Voice 7, 8, 9, 10, 11
Viola (Prerequisite: Violin 6) 7, 8, 9, 10, 11
Cello 7, 8, 9, 10, 11
Double Bass 8, 9, 10, 11
Flute 8, 9, 10, 11
Oboe (English Horn) 8, 9, 10, 11

Bassoon 8, 9, 10, 11
Trumpet 8, 9, 10, 11
Harp 8, 9, 10, 11
Organ (Prerequisite: Piano 9) 10, 11
Harpsichord (Prerequisite: Piano 10) 10, 11
Saxophone (Prerequisite: Clarinet 9) 11
French Horn 11
Trombone (Tuba) 11
Percussion 11

DEPARTMENT OF THEORY

THEORY 7. This class is intended to give young beginners training in the rudiments of aural training, rhythmic reading, and staff notation. The limits set for these skills in the present grade are as follows:

(a) *Sight Singing:* The ability to sing at sight easy melodic phrases in the key of C major and in the treble clef. Scale degree numbers rather than syllables are used in this grade. The ability to sing, and to identify by ear, perfect and major intervals.

(b) *Rhythmic Reading:* The ability to articulate easy rhythms in simple meters using rhythmic syllables and the conductor's beat. The rhythms used will involve note and rest values of: one full beat, more than one beat, beat and a half, half beat.

(c) *Staff Notation:* A knowledge of treble and bass clefs, leger lines (above and below the staff), and enharmonic equivalents. The ability to write one octave of the major scale (in both ascending and descending form) in keys not beyond four sharps or flats and with or without key signatures. The ability to spell (whether orally or on paper) and to identify perfect and major intervals. A knowledge of Italian terms.

1 hour.

THEORY 8. This and the following course provide further training in musical rudiments through aural, keyboard, and notational drills. The following subjects are studied:

(a) *Rhythm:* Reading and notational drills are used as preparatory training for the solution of rhythmic problems which include a study of the beat and its background in simple and compound meters, rests, meter signatures, barring.

(b) *Scales:* The scales of C, G, and F major and their relative minors are to be played at the keyboard. Major and minor scales up to five sharps or flats are to be written in G— and F— clefs with or without signatures. Training in aural recognition of scale degrees is stressed.

(c) *Intervals:* Fluency in interval spelling is an important objective and is to be attained through keyboard, oral, and notational drills.

(d) *Triads:* Various drills in the spelling of major and minor triads.

(e) Musical Terms.

1 hour.

THEORY 9. The study of rudiments is continued in this course as follows:

(a) *Rhythm:* Drills are provided in both rhythmic reading and staff notation which involve the subdivision of the background of the beat in simple and compound metres, ties, dotted notes, syncopation, mixed metres, and the re-grouping of incorrectly grouped notes.

(b) *Scales:* Major and minor scales up to five sharps and flats are to be played at the keyboard, and all major and minor scales are to be written whether with or without key signature and starting at any given scale degree. Further drill in the aural identification of scale degrees whether by number or by functional name is stressed.

(c) *Triads & Intervals:* The main objective of this course is the intensive study of the major, minor, diminished, and augmented triads and of the component intervals of these triads. Particular stress is placed upon the spelling, whether oral or written, of root position and inverted triads, as well as upon the ability to construct these triads at the keyboard. Other drills include the four-part disposition of major and minor chords at the keyboard and on staff, as well as the aural recognition of bass and soprano tones of such chords.

1 hour.

THEORY 10. Rhythmic training includes more intensive drills in simple, compound and mixed metres and in syncopation. Included as well are problems in barring and in the prefixing of meter signatures. The main emphasis of the present course, however, lies in elementary harmonic training. A preliminary phase of this training involves intensive drill in part-writing problems relating to the connection of triads and the resolution of dominant seventh chords, whether in root position or in inversion, as well as the detection of part-writing errors. Subsequent harmonic training comprises: (a) a study of cadences, sequences, and the principles of chord progression; (b) four-part harmonization of chorale phrases and other simple melodies, as well as of figured and unfigured basses, using diatonic triads other than the mediant in root position and inversion; (c) the composition of an original tune of from four to eight measures with indication of the harmonic background; (d) elementary harmonic analysis.

1 hour.

THEORY 11. Harmonic studies include: (a) part-writing and spelling drills; (b) the use of non-harmonic tones; (c) the resolution of secondary and diminished seventh chords, as well as of the augmented sixth, Neapolitan sixth, borrowed dominants and other altered chords; (d) the harmonization of chorale and other melodies, and of figured and unfigured basses using diatonic triads and dominant seventhes in all positions; (e) the composition of melodies of not more than eight measures in length with added part; (f) harmonic analysis.

1 hour.

DEPARTMENT OF KEYBOARD AND VOCAL MUSIC

PIANO 4

Note: For Ear Test and Sight-Reading requirements see page 2166.

Scales: C, G, F major; A, E, D harmonic minor. Hands separately through one octave, followed by the tonic triad in root position.

Exercises: Four short exercises for separate hands.

Prepared Pieces: Four short pieces for both hands.

PIANO 5

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

Scales: C, G, D, F, B flat major; A, E, B, D, G harmonic minor. Hands separately through two octaves. Suggested speed: two notes to MM100.

Arpeggios: Common chords in root position only, in C, G, D, F, B flat major, and in A, E, B, D, G minor. Hands separately through two octaves starting from the lowest note.

Prepared Pieces[1]*:* Candidates must play one piece from each of the following three groups:

I.	Anon	Old English Tune: Over the Hills and Far Away (AM-IV).
	J. S. Bach . . .	Chorale in E Minor (BB-I).
		Intrata in G Major.
	H. Fiocco . . .	La légère (AD-I).
II.	Clementi	A Sad Study (AM-VI).
		Sonatina Op. 36 No. 3 (second movement) (SSC).
	Mozart	Minuet in C Major (AD-I).
III.	Bartok	Thirty-Two Piano Pieces (The Little Lane).
		Two Short Pieces and Two Little Dances (No. 2).
	C. Le Fleming .	Squirrel Nutkin, Chester.
	Gretchaninoff . .	Fairy Tale Op. 98 (CB).
	Leslie Paul . . .	Suite for Piano (Stately Gavotte).
	Tansman . . .	Pour les enfants (Set II, Nos. 1 or 2).
	Healey Willan .	Alla Marcia and Tempo di Minuetto. G. V. Thompson Ltd.

[1] In certain cases reference will be made to the title of the teaching primer or other collection in which the piece in question may be found. To conserve space, these references appear in the text by means of letter symbols. Roman numerals, when present, signify volume number. The complete titles with publishers' names and letter codes are given below:

AD — Airs and Dances, Boosey and Hawkes.

AG — Airs and Graces of the Eighteenth Century, Oxford University Press.

An. Mod — Ancient to Modern, Boosey and Hawkes.
AM — Approach to Music, Boosey and Hawkes.
BB — Bach for Beginners, Boosey and Hawkes.
CB — Children's Book, E. B. Marks.
CAOP — Classical Album of Original Piano Pieces, Boston Music Co.
CP — Contemporaries of Purcell, Hinrichsen.
DGG — Dances Grave and Gay, Boosey and Hawkes.
EES — Early English Sonatinas.
EC — Easy Classics for the first Grade, Frederick Harris.
EE — Easy Elizabethans, Boosey and Hawkes.
GM — Garden of Music, Novello.
OEW — Old English Worthies, Oxford University Press.
RC — Re-Discovered Classics, Boosey and Hawkes.

Representative selections of piano pieces for all grades in the Junior Department, are published in book form by the McGill Conservatorium of Music and are obtainable at the price of $1.

PIANO 6

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

Scales: C, G, D, A, F, B flat, E flat major; A, E, B, F sharp, D, G, C harmonic minor. Hands separately and together through two octaves, piano or forte, beginning with highest or lowest note. Suggested speed: two notes to MM 100.

Arpeggios: Common chords in root position only, and in the same keys as the above scales. Hands separately and together through two octaves, starting from the lowest note.

Prepared Pieces: Candidates must play one piece from each of the following four groups:

I. Fifty-Eight Tuneful Technical Studies, E. Schuberth & Co. — Book I, Nos. 11-17 (any one).

II. J. S. Bach . . . French Suite No. 4 (Gavotte). March in G Major (GM). Minuet and Trio in G Minor (AD-II).
Jeremiah Clarke . Ayre in C Major (CP).
J. B. Loeillet . . Minuet in E Minor (CP).
Daniel Purcell . Hornpipe in D Minor (CP).

III. C. P. E. Bach . Minuet in A Major (An. Mod).
Clementi . . . . Sonatina in C, Op. 36, No. 1 (first movement).

	Haydn	Allegro, from Sonata No. 9 (AD-II).
		Minuet in G Major (AM-VI).
	Mozart	Minuet in G Major (CAOP).
		Polonaise, from Sonatina in F (RC-I).
IV.	Bartok	Mikrokosmos (Nos. 75, 76, or 78).
		Thirty-Two Pieces (Play Song, or Poor Goose Thief).
	Eileen R. Gilley .	Pirates in the Pacific. G. V. Thompson.
	Gretchaninoff . .	Children's Book, Op. 98 (Nos. 9 or 13).
	Kabalevsky . . .	A Little Song, International Music Co., N.Y.
	Talivaldis Kenins	Horse Ride. G. V. Thompson.
	William Lea . .	Popcorn; The Peanutman. G. V. Thompson.
	Ernest MacMillan	Gavotte in F (EC).
	Shostakovitch . .	A Gay Story (An. Mod).
	Tansman . . .	Pour les enfants (Set III, Nos. 3 or 4).
	Healey Willan . .	Peter's Book (Peter Enjoys a Swing).

NOTE: The selections in the Elementary Grade Books of the McGill Conservatorium continue to be recognized.

PIANO 7

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

Scales: All major, harmonic minor, and chromatic scales. Also A, E, B, D, G, C, F melodic minor. Hands together through two octaves, beginning from either highest or lowest note. (Melodic minors from lowest note only.) Forte or piano. Suggested speed: four notes to MM 72.

Arpeggios: Common chords in all major and minor keys in root position only. Hands together through two octaves, beginning on the lowest note.

Prepared Pieces: Candidates must play one piece from each of the following four groups:

I.	Burgmüller . . .	Twenty-Five Easy and Progressive Studies, Op. 100 (any one of Nos. 9, 12, 18).

	Czerny	One Hundred and Sixty Eight-Measure Exercises, Op. 821 (Nos. 1 and 2, or 12 and 13, or 15 and 18).
		Practical Method for Beginners, Op. 599 (Nos. 58 and 59, or No. 61, or Nos. 63 and 67).
	Duvernoy . . .	Twenty-Five Elementary Studies, Op. 176 (any one of Nos. 18, 23, 25).
II.	Anon	Courante in A Minor (EE).
	Anon	Siciliano (AG).
	Bach	Six Little Preludes (No. 2). Twelve Little Preludes (No. 10).
	Byrd	Gigg, or Galliard (DGG).
	Farnaby	Tell Me, Daphne, or Bonnie Sweet Robin (EE).
	Handel	Fughetta in C. Suite No. 13 (Gigue).
	Lully	Minuet (AG).
	Stanley	Invention (OEW).
III.	Arne	Sonata No. 7 in A (last movement).
	Attwood . . .	Sonatina (EES).
	Beethoven . . .	Sonatina in F (first or second movement).
		Variations on "Ich hab ein kleines Hütchen" (Theme and Var. 1).
		Variations on an Original Theme in G Major (Theme and Var. 1 and 3).
	Haydn	Sonata in C. Hinrichsen Edition, Vol. 101 (Andante).
	Hook	Rondo Pastorale (EES).
	Kuhlau	Sonatina in G, Op. 88 No. 2 (Andante Cantabile).
	Mozart	Variations on "Come un agnello" (Theme and Var. 1).
IV.	Bartok	For Children, Vol. I (Nos. 1 or 17).
		For Children, Vol. II (Nos. 1 or 20).
	Bortkiewicz . .	The Hardy Tin Soldier.

Elgar	Sonatina (Andantino). Keith Prowse, London.
Grieg	Lyric Pieces (Arietta).
Kabalevsky . . .	Children's Pieces Op. 27 (A Little Fairy Tale, or An Old Dance, or Having Fun).
	Toccatina in A minor, Op. 27 No. 7.
Leonard Leacock .	Sea Horses. G. V. Thompson.
Prokofieff . . .	Music For Children Op. 65, No. 3.
Godfrey Rideout .	Prelude in F. G. V. Thompson.
Schubert	Ecossaise in B Minor.
Shostakovitch . .	The Mechanical Doll.

NOTE: The selections in the Junior Grade Book of the McGill Conservatorium continue to be recognized.

PIANO 8

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

Scales: All major, minor (harmonic and melodic) and chromatic scales. Hands together through four octaves, in similar motion only, beginning on the lowest or highest note. Legato and staccato, piano and forte. Suggested speed: four notes to MM 92 legato, and MM 72, staccato.

Arpeggios: All major and minor common chords, with inversions, through four octaves, beginning on the lowest note.

Prepared Pieces: Candidates must play one selection from each of the following five groups:

I.	Bertini-Germer .	Fifty Selected Studies (any one of Nos. 7, 12, 15, 17, 22).
	Czerny	Preliminary School of Finger Dexterity Op. 636 (any one of Nos. 5, 6, 10, 17).
		School of Velocity, Book I, Op. 299 (any one of Nos. 1, 2, 4).
	Heller	Twenty-Five Melodious Studies, Op. 45 (any one of Nos. 11, 18, 19, 23).
II.	Bach	Two-Part Inventions (No. 1 in C, or No. 4 in D Minor).
		Six Little Preludes (No. 6).
		Twelve Little Preludes (No. 5).
	Byrd	Courante, or Martin sayd (DGG).

	Handel	Suite No. 14 (Air). Suite No. 16 (Allemande).
	Martini	Sonata in E (Andantino). Chester, Ltd.
	Purcell	Suite No. 3 in G Major (Courante). Schirmer.
	Rutini	Sonata in F (Rondo). Chester, Ltd.
III.	Beethoven . . .	Sonata Op. 49, No. 2 (first movement). Bagatelle in G Minor, Op. 119 No. 1. Bagatelle in D Minor, Op. 33 No. 6. Variations on 'Nel cor più' (Theme and Var. 1 and 2).
	Camidge	Finale (EES).
	Clementi	Sonatina in E Flat, Op. 37 No. 1 (first movement). Sonatina in G, Op. 36 No. 2 (first movement). Sonatina in F, Op. 38 No. 3 (first movement).
	Hook	Sonatina (EES).
	Jones	Sonatina (EES).
	Kuhlau	Sonatina in C, Op. 55 No. 1 (first movement). Sonatina in G, Op. 35 No. 2 (first movement). Sonatina in G, Op. 88 No. 2 (first movement).
	Mozart	Minuet in D, K. 355.
IV.	Chopin	Preludes (Nos. 4 or 6). Mazurka Op. 7 No. 2.
	Elgar	Sonatina (Allegro). Keith Prowse, London.
	Liszt	Consolations (Nos. 1 or 4).
	Mendelssohn . .	Children's Pieces, Op. 72 (No. 2 or 3).
	Schumann . . .	Forest Scenes (Lonely Flower). Scenes from Childhood (The Bogey Man).

V.	Bartok	For Children, Vol. I (any one of Nos. 5, 6, 8, 27).
		For Children, Vol. II (any one of Nos. 6, 8, 18).
	Bortkiewicz . . .	The Nightingale.
	Kabalevsky . . .	Children's Pieces Op. 27 (any one of: Etude, A Little Joke, Sonatina, Dance).
	Karganoff . . .	Scherzino in A Major, Op. 21 No. 6. Harris & Co.
	Prokofieff . . .	Children's Suite Op. 65 (any one of Nos. 2, 4, 10).

PIANO 9

Note: For Ear Test and Sight-Reading requirements *see pages 2166-7.*

Scales: All major, harmonic minor, and chromatic scales, in similar motion through four octaves and contrary motion through two octaves, beginning with the lowest or highest note. All melodic minors in similar motion only. Also all major scales at the interval of a third. Forte and piano, legato and staccato. Suggested speed: legato — four notes to MM 108; staccato — four notes to MM 82

Arpeggios: All major and minor common chords, with inversions, through four octaves, beginning with the lowest or highest note. Also dominant seventh chords in root position and from lowest note only through four octaves. Forte and piano, legato and staccato. Suggested speed: legato — four notes to MM 100; staccato — four notes to MM 72.

Prepared Pieces: Candidates must play one selection from each of the following five groups:

I.	Bertini-Germer .	Fifty Selected Studies (any one of Nos. 39, 43, 48, 49).
	Cramer-Buelow .	Fifty Selected Studies (Nos. 1 or 19).
	Czerny	Preliminary School of Finger Dexterity Op. 636 (any one of Nos. 1, 2, 7, 14, 21).
		School of Velocity Op. 299, Book I (any one of Nos. 5, 6, 7, 8).
II.	Bach	Two-part Inventions (any one of: No. 6 in E, No. 11 in G Minor, No. 13 in A Minor, No. 14 in B Flat).
		Three-part Inventions (No. 7 in E Minor).
	Handel	Suite No. 7 (Allegro or Andante).

	Paradies	Sonata in B Flat (Andante).
	Purcell	Suite No. 2 (Prelude). Suite No. 5 (Prelude).
	Scarlatti	Sonata No. 13 (Pastorale).
III.	Beethoven . . .	Sonata Op. 49 No. 1 (either movement). Bagatelle in E Flat Op. 126, No. 3. Variations on "La stessa, la stessissima" (Theme and Finale).
	Clementi	Sonatinas: Op. 38 No. 1 in G, Op. 36 No. 6 in D, Op. 36 No. 3 in C (any of the first movements).
	Dussek	Rondo in E Flat.
	Haydn	Sonata in G — Peters edition, No. 11 (first movement).
	Kuhlau	Sonatina in C, Op. 20 No. 1 (first or third movement)
	Mozart	Sonata in G, K. 283 (second movement). Fugue in G Minor, K. 154
IV.	Chopin	Prelude No. 10. Mazurka in C Sharp Minor Op. 6 No. 2.
	John Field . . .	Nocturne No. 5 in B Flat
	Grieg	Lyric Pieces Op. 43 (No. 1 or No. 4).
	Liszt	Consolations (No. 2)
	Mendelssohn . .	Christmas Pieces (No. 5 in G Minor). Tarantella in C Major.
	Palmgren . . .	Maynight.
	Schubert	Waltzes (any three)
	Schumann . . .	Forest Scenes Op. 82 (No. 1) Scenes from Childhood (Nos. 3 and 4).
	Eric Thiman . .	Musical Sketch Book (Silent Pool).
V.	Violet Archer . .	Habitant Sketches (No. 2).
	Bartok	For Children, Vol. I (Nos. 38 and 40).

	Debussy	Children's Corner (The Little Shepherd, or Golliwog's Cake-walk).
		Preludes (La plus que lente).
	H. Ferguson . .	Five Bagatelles (No. 2).
	Grovlez	La Sarabande.
	Levine	Humoresque.
	Liadov	The Music Box.
	MacDowell . . .	Shadow Dance.
	O. Pinto	March, Little Soldier.
	Rebikov	Danse des clochettes.
	Spendiarov . . .	Berceuse Op. 3 No. 2.
	J. Turina . . .	The Circus (No. 5).

NOTE: The selections in the Intermediate Grade Books of the McGill Conservatorium continue to be recognized.

PIANO 10

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

Scales: All major, minor (harmonic and melodic) and chromatic scales, in similar and contrary motion, beginning with the lowest or highest note. Also all scales at the interval of a third, sixth or tenth, through four octaves, in similar motion only. Forte and piano. Legato and staccato. Suggested speed: legato — four notes to MM 120; staccato — four notes to MM 90. Also broken octaves, hands separately, in all keys, through two octaves. Suggested speed: four notes to MM 60.

Arpeggios: Major and minor common chords through four octaves, beginning with the lowest or highest note (root position and inversions). Dominant and diminished sevenths in root position and inversions, beginning with the lowest note only. Forte and piano, legato and staccato.

Prepared Pieces: Candidates must play one selection from each of the following five groups:

I.	Cramer-Buelow .	Fifty Selected Studies (No. 10).
	Czerny	School of Velocity, Book I, Op. 299 (No. 9).
		School of Velocity, Book II, Op. 299 (No. 1).
II.	Bach	Three-part Inventions (any one).
	Couperin	Suites (any two movements).
	Rameau	Suites (any two movements).

	Scarlatti	Sonatas (any one).
	Telemann . . .	Fantasias (any one).
III.	Beethoven . . .	Sonata Op. 49 No. 1.
	Beethoven-Busoni	Six Ecossaises.
	Haydn	Sonata in E Minor, No. 2. (first, or second and third, movement).
		Sonata in D Major, No. 7. (first, or second and third, movement).
	Mozart	Sonata in G, K. 283 (first or last movement).
		Sonata in C, K. 545 (first or last movement).
		Sonata in F, K. 547 (first or last movement).
IV.	Brahms	Waltzes, Op. 39 (any two).
		Intermezzo in A Minor, Op. 76, No. 4.
	Chopin	Three Ecossaises.
		Mazurkas (Op. 30, Nos. 1 and 2, or Op. 67, Nos. 2 and 4).
		Waltz in B Minor and Minute Waltz.
		Nocturne in F Minor Op. 55, No. 1.
	Faure	Song Without Words Op. 17.
	Liszt	Consolation No. 3 in D Flat.
	Mendelssohn . .	Songs Without Words (any two of: Nos. 1, 14, 25, 29, 36).
	Schubert	Impromptu in A Flat, Op. 142, No. 2.
		Moments Musicaux, Op. 94, Nos. 1 and 2.
	Schumann . . .	Scenes from Childhood (any two pieces).
	Schumann . . .	Romance in F Sharp Major.
V.	Bartok	Three Rondos on Folk Tunes (any one).
	Lennox Berkeley.	Five Short Pieces (1937) — Chester Ed.
	Debussy	Arabesque (No. 1 or 2).
		Preludes, Vol. I (No. 1, Danseuses de Delphes).
	De Falla	Serenata Andaluza.

	Ibert	Little White Donkey.
	Kabalevsky . . .	Variations Op. 40, No. 1.
	Martinu	Etudes and Polkas, Vol. 3 (Polka in A Minor).
	Pinto	Memories of Childhood (Nos. 1 and 5).
	Poulenc	Valse.
	Prokofieff . . .	Gavotte in F Sharp Minor, Op. 32.

NOTE: The selections in the Senior Grade Books of the McGill Conservatorium continue to be recognized.

PIANO 11

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

Scales: Major, minor (harmonic and melodic), and chromatic scales in all keys, at the octave, third, sixth or tenth, with staccato or legato touch, and beginning from either the highest or lowest note. In similar and contrary motion. Also broken octaves in all keys through two octaves, hands together.

Arpeggios: Common chords, dominant and diminished seventh chords in all positions at the interval of an octave, starting on the highest or lowest note, with staccato and legato touch.

Note: Scales and arpeggios should be played at as fast a speed as is consistent with clarity and accuracy and without group accentuation.

Prepared Pieces: Candidates must play any two etudes from group I, and one selection from each of the succeeding four groups:

I.	Clementi	Gradus Ad Parnassum.
	Cramer-Buelow .	Fifty Selected Studies (from Nos. 13, 14, 16, 21).
	Czerny	School of Velocity, Vols. III and IV.
II.	Bach	Well-Tempered Clavier (Book I: No. 5 in D Major or No. 20 in A Minor).
		Well-Tempered Clavier (Book II: No. 12 in F Minor or No. 21 in B Flat Major).
	Galuppi	Sonata in D Major.
	Handel	Blacksmith Variations.
		Suite in G Minor (Chaconne).
	Scarlatti	Sonatas (any one).
III.	Beethoven . . .	Sonata Op. 2 No. 1 (last movement).

		Sonata Op. 14 No. 1 (first movement)
		Sonata Op. 14 No. 2 (first or last movement)
		Sonata Op. 79 (first, or second and third movements).
	Haydn	Sonata in E Flat Major (first, or second and third movements).
	Mozart	Sonata in F Major, K. 494 (first or last movement).
		Sonata in A Major, K. 331 (theme and variations).
		Concerto in G Major, K. 453 (first movement with Mozart cadenza).
IV.	Brahms	Intermezzi (Op. 76, No. 3 or 6; Op. 117, No. 1; Op. 118, No. 2; Op. 119, No. 2).
		Ballade Op. 118 No. 3.
	Chopin	Preludes (any two from: Nos. 1, 4, 9, 10, 15, and 22).
		Impromptu in A Flat, Op. 29.
		Bolero Op. 19.
		Nocturne in B Major, Op. 32 No. 1.
		Polonaise in C Sharp Minor Op. 26 No. 1.
	Dohnanyi . . .	March in E Flat Major.
	Liszt	Valse oubliée.
	Mendelssohn . .	Songs Without Words (Nos. 3, 18, or 34).
		Scherzo in E Minor.
	Schubert	Impromptu Op. 90 No. 2, in E Flat Major.
		Impromptu Op. 90 No. 4, in A Flat Major.
	Schumann . . .	Arabesque Op. 18.
		Romance in F Sharp Major.
V.	Albeniz	Sevillanas.
	Bartok	Hungarian Peasant Songs (any two).
		Mikrokosmos, Vol. V (any three).
	Debussy	Suite Bergamasque (Prelude or Minuet).
		Preludes, Vol. I (No. 12).
		Children's Corner (any one from Nos. 1, 2, 3, 4).

How. Ferguson	Five Bagatelles.
Moussorgski	Gopak.
Prokofieff	Prelude Op. 12 No. 7.
Saint-Saens	Bourree for the Left Hand Alone.
Tcherepnine	Bagatelles Op. 5 (any two).

NOTE: The selections in the Highest Grade Books of the McGill Conservatorium continue to be recognized.

ORGAN

ORGAN 8

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

Scales: C, G, D, E, E flat, and F in both major and harmonic minor:

(a) manuals only, hands separately and together, through two octaves, in similar motion;

(b) pedals only, upper or lower octave, as required by the examiner.

Prepared Pieces: Candidates must have prepared the whole of either:
—List A: Buxtehude, Nun bitten wir (TEOM)[1]; Purcell-Fricker, A Purcell Suite (Rondeau in D Minor); Tallis, Gloria tibi trinitas (TEOM); *or*
—List B: Bach, Fughetta on "Gottes Sohn ist kommen" (XVIII[2], p. 41); Bach, Liebster Jesu, wir sind hier (XVIII, p. 72); John Stanley-Wall, Three Eighteenth Century Preludes (Trio).

Prerequisite: Piano 9.

ORGAN 9

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

Scales: All major, minor, and chromatic scales:

(a) manuals only, hands together, through three octaves, in similar and contrary motion, starting on either the lowest or highest note;

(b) pedals only through one octave.

Technical Studies: Nilson, Technical Studies in Pedal Playing — Part II, Section I.

Prepared Pieces: Candidates must have prepared either:
—List A: Bach, Erbam dich mein, o Herre Gott (XVIII, p. 35); de Grigny, Dialogue in F Major (AEFOM)[3]; John James, Echo Voluntary; *or*
—List B: Bach, Fugue in D Major (XII, p. 83); Mendelssohn, Sonata No. 1 (Adagio); Vaughan Williams, Three Preludes on Welsh Hymns (Rhosymedre).

[1] i.e. Treasury of Early Organ Music, Music Press Inc.

[2] Bracketed Roman numerals in the present section (ORGAN) refer to volume numbers in the recommended Novello edition of Bach's organ works.

[3] i.e. Anthology of Early French Organ Music, H.W. Gray.

ORGAN 10

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

Scales: (a) Manuals: all major and minor (both forms), and chromatic scales, hands together through three octaves in similar and contrary motion. (Melodic minors in similar motion only.)

(b) pedals only: C, D flat, D, E flat, E, and F through two octaves.

Technical Studies: Nilson, Technical Studies in Pedal Playing — Part II, Section II, (Nos. 1-9 incl.). Part II, Section III, (Nos. 1-7 incl.).

Prepared Pieces: Candidates must have prepared either:
—List A: Bach, Concerto No. 1 (Vol. XI, p. 49); François Couperin, Elevation (AEFOM); Darius Milhaud, Neuf Préludes (any two) — Heugel; *or*
—List B: Bach, Nun komm der Heiden Heiland (Vol. XVII, p. 46); Handel, Concerto No. 13 (first and second movements); Healey Willan, Epilogue — Novello.

ORGAN 11

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

Scales: All major, minor (both forms), and chromatic scales played at varying degrees of speed:

(a) manuals only, hands together, at octave, third, and sixth for three octaves;

(b) pedals only, through one and two octaves;

(c) combined: one hand and pedals combined, in similar and contrary motion, from the octave or unison through one and two octaves.

Technical Studies: Nilson, Technical Studies in Pedal Playing — Part II, Section II (Nos. 20-59 incl.), Part II, Section III (Nos. 8-28 incl.).

Prepared Pieces: Candidates must have prepared either:
—List A: Bach, Sonata No. 1 (first movement); Brahms, Chorale Prelude: Herzlich thut mich erfreuen; Herbert Howells, Master Tallis' Testament; *or*
—List B: Bach, Herr Jesu Christ, dich zu uns wend (XVII, p. 26); Benjamin Britten, Prelude and Fugue on a theme of Vittoria; Louis Couperin, Chaconne (AEFOM).

HARPSICHORD

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

HARPSICHORD 10. Introduction to the harpsichord. Explanation of mechanism, pedals, and registration. Study of special exercises and simple compositions. J. S. Bach, Selections from Anna Magdalena Bach Book; Byrd, Pavane; Purcell, Suite No. 1.

Prerequisite: Piano 10.

HARPSICHORD 11. Demonstration of tuning, re-stringing, and other minor adjustments. Study of ornamentation (reference: "True Art of Keyboard Playing", by C.P.E. Bach.)

Keyboard music from 1600 to 1800 including the English, French, German and Italian schools. Bach, Two-part Inventions; Couperin, Les Moissonneurs, and Soeur Monique; Gibbons, Preludium; Scarlatti, Pastorale.

VOICE

Note: For Ear Test and Sight-Reading requirements see pages 2166-7.

A complete set of graded exercises, scales, arpeggios, and of sight-reading examples for Voice 7, 8, 9, 10 and 11 is published by the Conservatorium and can be obtained from the Secretary at a cost of 25¢.

VOICE 7

Studies: Vittorio Ricci, Beginner's Appendix — Twenty-Four Little Solfeggios (any three from Nos. 1-12).

Songs: Candidates will have to perform any two songs from the following list, as well as a song of their own choice:

Anon	The Holly and the Ivy — English Folk Song.
	My Love's an Arbutus — Irish Folk Song.
	The Little Red Lark — Irish Folk Song.
	Kitty of Coleraine — Irish Folk Song.
Brahms	Lullaby.
	Sunday.
	Sandman.
E. J. Moeran (arr.) .	The Jolly Carter.
Morley	It was a Lover and his Lass.
Mozart	Lullaby.
Schubert	Who is Sylvia.
	Lullaby.
Martin Shaw	The Cuckoo.
William Shield . . .	The Ploughboy.
H. Willan (arr.) . .	Early One Morning.

VOICE 8 N.B. Refer to note under VOICE, above.

Studies: Vittorio Ricci, Beginner's Appendix — Twenty-Four Little Solfeggios (any three from No. 13 — end).

Songs: Candidates will have to perform any two songs from the following list, as well as a song of their own choice:

Anon	Have You Seen but a Whyte Lillie Grow.

Arne	Where the Bee Sucks.
Brahms	My Maiden has Rosy Lips. Sapphic Ode. Vain Suit (Vergebliches Staendchen).
Dunhill	Little Lambs Where do You Sleep. The Milkmaid.
Franz	Dedication. For Music.
Giordani	My Beloved (Caro mio ben).
Grieg	I Love Thee. The First Primrose.
Handel	Alma mia. Angels Ever Bright and Fair. Slumber, Dear Maid (Largo). Where E'er You Walk.
Michael Head	When Sweet Ann Sings.
Horn	I've been Roaming.
Ireland	The Holy Boy.
Lehmann	Oh! Bother, Sang the Thrush. The Cuckoo. The First Rose.
Liddle	An Old French Carol.
Mendelssohn	On Wings of Song.
Graham Peel	In Summer-Time on Bredon.
Purcell	Nymphs and Shepherds.
Schubert	Hedge Roses. Lindentree. To Music.
Somervell	A Shepherd's Cradle Song.
Eric Thiman	I Love all Graceful Things.
Verracini	Pastorale (arr. A.L.).
Vaughan-Williams	Linden Lee.

VOICE 9 N.B. Refer to note under VOICE, p. 2184.

Studies: Concone: 50 Lessons; Panseron: 42 Vocalises; Panofka: Op. 85, Book I — Schirmer Library No. 595 — and Book II — Schirmer Library No. 596; Abt: Practical Singing Method, Op. 474 (Complete). Candidates will have to perform any three studies of a contrasting technical nature.

Prepared Pieces: Candidates will have to perform two songs and one opera or oratorio excerpt selected from the early Italian or French repertory. The selection may be made from among the following:

Songs:
Brahms, Elgar, Robert Franz, Grieg, Haydn, Ireland, MacDowell, Roger Quilter, Rachmaninoff, Schubert, Schumann, Cyril Scott, Peter Warlock.

Excerpts from Opera or Oratorio:
Caccini, Caldara, Carissimi, Grétry, Lully, Mazzochi, Méhul, Monsigny, Monteverdi, Provenzale. 24 Italian Songs and Arias, Schirmer Library, Vol. 1723; also Anthology of Italian song, Book I or II, Schirmer.

VOICE 10 N.B. Refer to note under VOICE, p. 2184.

Studies: Continuation of work listed under Voice 9.

Prepared Pieces: Candidates will have to perform two songs and one excerpt each from Opera or Oratorio. Choice from among the following:

Songs:
Same as under Voice 9.

Opera and Oratorio:
Grétry, Gluck, Handel, Offenbach, Mozart, Paisiello, Piccini, Ambroise Thomas, and Weber. Also Gevaert's Collection, Nos. 34-48, 75, 139, 159, 160, 166, 170, 314, 323, 330, 331, 371, 384, and 389.

VOICE 11 N.B. Refer to note under VOICE, p. 2184.

Studies: Continuation and extension of work listed under Voice 10 (9).

Prepared Pieces: Candidates will have to perform two songs and two operatic or oratorio excerpts, as well as a selection of their own choice:

Songs:
German lied, French art song, English songs, and modern.

Opera and Oratorio:
For suitable selections consult the following: Bach, Arias; Handel, Arias; Handel, Twelve Songs from the Oratorios — Novello ed; Mendelssohn, Elijah (solo music) — Boosey ed.; Royal Operatic Album — Boosey ed. (published separately for each voice).

DEPARTMENT OF ORCHESTRAL INSTRUMENTS

For Ear Test and Sight-Reading requirements for all orchestral instruments and grades, see pages 2166-7.

VIOLIN

VIOLIN 5

Scales: G and A major and minor through two octaves. D major and minor, F major through one octave, one note to each bow. (Minor scales in melodic form only.)

Studies [1]*:* S-VM (No. 13); *or* W-E (No. 2 — with different bowings).

Prepared Pieces: One selection from the following list of pieces: Joseph Bloch, Valsette Op. 33 No. 2; Adam Carse, Marche Militaire; Gordon Jacob, A Bed-Time Song; Herbert Kingsley, Mazurka; Papini, Theme with Variations Op. 57; Rieding, Prière Op. 22 No. 4.

VIOLIN 6

Scales: G, A, and B major and minor through two octaves, four notes to each bow. (Minor scales in melodic form only.)

Arpeggios: G major and minor in first position only through two octaves: (a) one note to the bow; (b) three notes to the bow.

Studies: K-E (No. 1 — played with four different bowings); K-E (No. 7).

Prepared Pieces: One selection from the following list of pieces: Duncan-Rubbra, Four Easy Pieces (any two); Rieding, Concertino in B Minor, Op. 35 (in first position); Seitz, Concertino Op. 22 No. 5; Hans Sitt, Concertino in First Position Op. 93 (First or last movement).

[1] The complete list of recommended studies referred to in the violin and viola courses of the Junior Department is enumerated below. These works will be referred to in the text by means of the indicated letter symbols.

F-E — Fiorillo, Etudes.
K-E — Kayser, Etudes, Op. 20.
Kr-E — Kreutzer, Etudes.
M-TSS — Mazas, Thirty Special Studies, Op. 36.
R-C — Rode, Caprices.
S-VM — Sevcik, Violin Method Op. 6 — Part II.
S-E — Sitt, Etudes, Op. 32 — Bk. III.
W-E — Wohlfarth, Exercises, Op. 74.
W-FS — Wohlfarth, Foundation Studies — Bks. I and II.

VIOLIN 7

Scales: Two octaves of C and B flat major and minor in second position, D major and minor in third and fourth position. Minor scales are to be played in both forms. (a) One note to each bow; (b) three notes slurred to each bow.

Arpeggios: Two octaves in the keys of G and D major and minor: (a) one note to each bow; (b) three notes slurred to each bow.

Studies: K-E (Nos. 9 and 12); S-E (No. 42).

Prepared Pieces: One selection from the following list of pieces: Dancla, Fragment of a Sonata; R. Hofman, Sonatina No. 3 (first or last movement); Lully-Spalding, Melody; Portnoff, Concerto Op. 15; Seitz, Concerto No. 2.

VIOLIN 8

Scales: Two octaves of E and E flat major and minor (harmonic and melodic) in fourth and fifth position, F major and minor (harmonic and melodic) in fifth and sixth position: (a) one note to each bow; (b) three notes slurred to each bow.

Arpeggios: Two octaves in the keys of E flat, E, and F major and minor.

Studies: K-E (Nos. 13 and 16); M-TSS (No. 4).

Prepared Pieces: Pugnani-Moffat, Allegro entusiastico; Vivaldi: Concerto in A Minor, (first movement, or second and third movement).

VIOLIN 9

Scales: G, A, B flat, and B major and their tonic minors (harmonic and melodic) through three octaves. All scales to be played detached and three notes to a bow.

Arpeggios: G, A, B flat, and B major and minor, through three octaves: (a) one note to each bow; (b) three notes slurred to each bow.

Studies: K-E (Nos. 21 and 29); M-TSS (No. 7).

Prepared Pieces: One selection from the following list of pieces: Accolay, Concerto in A Minor; Seitz, Concerto No. 3 Op. 12 (first movement) and Concerto No. 4 (first movement) Sitt, Concertino Op. 31, (first or last movement)

VIOLIN 10

Scales: All major and minor (harmonic and melodic) scales through three octaves. Slurred and detached bowing.

Arpeggios: In all major and minor keys through three octaves, one note to a bow and slurred (one bow ascending and one descending.)

Studies: F-E (No. 15); Kr-E (No. 10); M-TSS (No. 18).

Prepared Pieces: Candidates must play the first piece and any one of the other four in the following list of pieces:

Handel, Six Sonatas (any one); Nardini, Concerto in E Minor; Tartini, Sonata in G Minor; Viotti, Concerto No. 23 (first or last movement).

VIOLIN 11

Scales: All major and minor (harmonic and melodic) through three octaves. Also the chromatic scales of C beginning on the G string, and E beginning on the D string, through two octaves. Slurred and detached bowing.

Arpeggios: In all major and minor keys, as well as dominant and diminished seventh chords through three octaves, one note to a bow, and slurred (one bow ascending and one descending).

Studies: One selection from each of the following:

F-E; Kr-E; R-C.

Prepared Pieces: Candidates must play one selection from each of the following groups of pieces:

I. Corelli-Leonard, La Folia; Kreutzer, Concerto No. 19; Rode, Concerto in A Minor, Op. 8; Veracini, Sonata in E Minor.

II. Bach, Concerto in E Major; Bach, Sixth Partita in E Major, for violin alone (first movement only).

VIOLA

VIOLA 7

Scales: C, D, and E major and minor melodic in two octaves, four notes to each bow.

Arpeggios: C major and minor in first position only, through two octaves: (a) one note to each bow; (b) three notes to each bow.

Studies: K-E (any one); W-FSI (any one).

Prepared Pieces: Reiding, Concertino in B Minor Op. 35 (viola transcription); *or* an easy selection from Old Masters For Young Players by Moffat-Palascho.

Prerequisite: Violin 6.

VIOLA 8

Scales: F and E flat major and minor (harmonic and melodic) in second position, G major and minor (harmonic and melodic) in third and fourth positions, through two octaves: (a) one note to each bow; (b) two notes slurred to each bow.

Arpeggios: C and G major and minor, through two octaves: (a) one note to each bow; (b) three notes slurred to each bow.

Studies: K-E (any one); W-FS2 (any one).

Prepared Pieces: R. V. Williams, Viola Suite; (Carol, Ballade and Musette) *or* selections from Old Master For Young Players by Moffat-Palascho.

VIOLA 9

Scales: C, D, E flat, and E major and their tonic minors (harmonic and melodic) through three octaves. To be played detached and three notes to a bow.

Arpeggios: C, D, E flat, and E major and their tonic minors through three octaves. To be played detached and three notes to a bow.

Studies: K-E (Nos. 21 and 29); M-TSS (No. 7).

Prepared Pieces: Grazioli, Sonata in F; *or* M. Marais, Five Old French Dances; *or* three selections from Album of Classical Pieces, adapted for the viola by Klengel.

VIOLA 10

Scales: All major and minor (harmonic and melodic) scales through three octaves. Slurred and detached bowing.

Arpeggios: All major and minor keys through three octaves, detached and slurred (one bow ascending and one descending).

Studies: F-E (No. 15); K-E (No. 10); M-TSS (No. 18).

Prepared Pieces: Handel, Sonatas (any one of the six); Mozart, Divertimento in C; *or* Sitt, Concerto Op. 68.

VIOLA 11

Scales: All major and minor (harmonic and melodic) scales through three octaves. Also the chromatic scale of F beginning on C string, and of A beginning on G string, through two octaves. Slurred and detached.

Arpeggios: All major and minor keys, as well as dominant and diminished seventh chords, through three octaves, detached and slurred (one bow ascending and one descending.)

Studies: Three studies, one from each of the following: F-E; Kr-E; R-C.

Prepared Pieces: Ariosti, Sonata No. 2; *or* Handel, Concerto. Bruch, Romance; *or* P. Juon, Sonata; *or* Hindemith, Trauermusik.

CELLO

CELLO 7

Scales and Arpeggios: C, G, D, and F major; A and D minor, through two octaves.

Studies: L. Feuillard, Studies For The Young Cellist (Nos. 11 and 17). Lee, Forty Studies Op. 31, No. 4; *or* Whitehouse, Progressive Studies For The Violoncello (Nos. 11, 12, 16 and 18).

Prepared Pieces: Howard Ferguson, Five Irish Folk Tunes (A Jig, and Cradle Song).

CELLO 8

Scales: Arpeggios: E, A, D, A flat, E flat, and B flat major, and C sharp, F sharp, B, F, C, and G major, through two octaves.

Studies: Dotzauer, 113 Studies (Nos. 10 and 33); L. Feuillard, Studies For The Young Cellist (Nos. 35 and 51).

Prepared Pieces: W. H. Squire, Gavotte Op. 5. — Augener ed. No. 7704b. Also one additional piece, to be selected by the teacher.

CELLO 9

Scales and Arpeggios: All major and minor, through two octaves: (a) detached; (b) slurred, two notes to a bow, and four notes to a bow. All major keys, through two octaves.

Studies: Dotzauer, 113 Studies (any two advanced studies); Merk, Studies (Nos. 1 and 2). Duport, Exercises (No. 9); *or* Whitehouse, Progressive Studies For The Violoncello (Nos. 19, 20, 22, 24, 25, and 27).

Prepared Pieces: Golterman, Concerto in G (first movement). Sammartini, Sonata in G. Also one additional piece, to be selected by the teacher.

CELLO 10

Scales: All major and minor melodic through three octaves: (a) detached; (b) slurred, two, four, or eight notes to a bow.

Arpeggios: All major and minor keys, through three octaves.

Studies: Duport: Any two studies.

Prepared Pieces: J. Barbirolli, Six Airs, arranged for 'cello (any two); *or* Goltermann, Concerto in B Minor (first movement); *and* Eccles, Sonata in G Minor.

CELLO 11

Scales: All major and minor melodic scales through three octaves. Chromatic scale of F beginning on the C string, and of C beginning on the G string, through two octaves. Slurred and detached bowing.

Arpeggios: All major and minor, through three octaves.

Studies: J. L. Duport, Study No. 7, *or* Caprice. Franchomme, Studies (any one); *or* Grutzmacher, Studies (any one).

Prepared Pieces: Bach, Suites (two movements from any one); Saint-Saens, Concerto in A Minor (first movement).

DOUBLE BASS

DOUBLE BASS 8

Scales: F, G, B flat, A, E, and F sharp major, and F, E, G, A, B harmonic minor, in quarter notes and eighth notes, detached and bowed.

Arpeggios: Same keys as for scales, through two octaves.

Studies: Bille, Nanny, Simandl, — up to the second position.

DOUBLE BASS 9

Scales: Same keys as Double Bass 8, in quarter notes, eighth notes, and triplets, eight notes to the bow, MM 70.

Arpeggios: Same as Double Bass 8.

Studies: Simandl, 30 Etudes. Also studies in Nanny and Findeisen. Findeisen's, Nanny's or Simandl's method up to the fourth position.

Prepared Pieces: Beethoven, Ninth Symphony (recitativo bass part); Saint-Saens, Carnival of the Animals (The Elephant).

DOUBLE BASS 10

Scales: All major and minor keys through two octaves, detached and tied by two, four, and six notes to the bow. Triplets, three and six notes to the bow, MM 70.

Arpeggios: In all major and minor keys.

Studies: Hrabe, Studies; — with different bowings using two, four, and six notes to the bow; Kreutzer, Studies.

Prepared Pieces: Beethoven, Fifth Symphony (bass part); Brahms, Second Symphony (bass part); Verrismt, Concerto in B flat — Leduc Ed.

DOUBLE BASS 11

Scales: All major and minor keys, through three octaves. Harmonics. Combination of rhythm and bowing.

Arpeggios: In all major and minor keys.

Studies: Kreutzer, Studies (two); Storch-Hrabe, Etudes.

Prepared Pieces: Beethoven, Ninth Symphony (bass part); Brahms, First Symphony (bass part); Dittersdorf, Concerto in E Major.

FLUTE

FLUTE 8. Production of tone, low C to high E; Altès, Flute Method, Part I; Major scales to two sharps and flats. Simple pieces with and without accompaniment.

FLUTE 9. Knowledge of chromatic range from low C to high A. Major and minor scales to five sharps and five flats. Arpeggios in the simple keys. Altès, Flute Method, Part II. Cavally, Melodious and Progressive Studies — Bk. I; Kohler, Duets; Moyse, Twenty-Four Short Melodious Studies with Variations. Easy pieces.

FLUTE 10. Knowledge of entire range. Scales, triads, and seventh chords. Chromatic scales. Cavally, Melodious and Progressive Studies — Bk. II; Gariboldi, Complete Scales; Gariboldi, Etudes mignonnes; Kohler, Fifteen Easy Exercises Op. 33 — Bk. I. Sonatas by Loeillet and other masters of the seventeenth and eighteenth century.

FLUTE 11. Broken triads and seventh chords, whole tone scales. Berbiguier, Etudes; Kohler, Twelve Exercises Op. 33 — Bk. II; Taffanel — Gaubert, Daily Finger Exercises and Progressive Studies. Sonatas by Handel, Loeillet, Mozart (Andante), Purcell, Telemann.

RECORDER

RECORDER 7. Duschenes, Method for the Recorder (BMI Canada); major scales to two sharps and flats; Duschenes, Studies in Recorder Playing; easy duets and pieces with piano; sight-reading.

RECORDER 8. Major and minor scales and arpeggios to three sharps and three flats; Duschenes, Studies in Recorder Playing; Duets by English and French masters of the seventeenth and eighteenth century; "Spielstuecke" of the seventeenth century; easy sonatas by Pepusch, Schickhardt; Fuenf leichte Suiten aus dem Barock (Schott); Johann Fischer, Suites: Trio Sonatas by Sammartini, Bononcini (Schott); sight-reading; ability to play both soprano and alto recorders.

RECORDER 9. Scales and arpeggios to five sharps and flats; Fifteen Solos by Anonymous Masters of the Eighteenth Century (Schott); Duschenes, Studies in Recorder Playing; Telemann, Duets; Sonatas by Haendel, Loeillet, Purcell, Vivaldi; Trio Sonatas by Loeillet, Schickhardt; Variations "Greensleeves to a Ground" (Schott); Hoeffer-Winterfeld Technische Studien fuer Altfloete; study of the history of the flute family; ability to play soprano, also, tenor, bass recorders; sight-reading.

RECORDER 10. Duschenes, Studies in Recorder Playing, Moenkemeyer, Hohe Schule (Moeck); Hoeffer-Winterfeld. 40 Studies (Sikorski); Telemann, Sonatas; Trio Sonatas by Telemann, Haendel, Quantz, Bach, Brandenburg Concerto No. 4; Telemann, Suite in A minor, Concerto in G minor, obbligato parts to Bach arias; Graupner Concerto; Tate, Spielstuecke (Baerenreiter); Hoeffer-Winterfeld, 12 Etuden fuer Altfloete; ability to play in C clef third line, sight-reading.

RECORDER 11. Moenkemeyer, Hohe Schule, Hoeffer-Winterfeld, Bachstudien; Berkeley, Sonatina; Genzmer, Sonata; Telemann, Sonata in C, Vivaldi, 6 concertos; Bach, Brandenburg Concerto No. 2; ability to conduct a recorder ensemble; sight-reading.

OBOE (ENGLISH HORN)

OBOE 8. Posture. Position of the reed. Action of the tongue. Scales. Barret, Forty-Two Progressive Studies for the Oboe; F. Gillet, Beginning of the Oboe.

OBOE 9. Scales, thirds and arpeggios. Barret, Four Sonatas and Sixteen Studies; F. Gillet, Twenty Minutes Practice.

OBOE 10. Scales. F. Gillet, Intervals and Staccato; Sellner, Exercises in Articulation; Sellner, Six First Duos for Two Oboes (Sonata Form).

OBOE 11. Brod, Twenty Studies; Sellner, Six Last Duos for Two Oboes. Handel, Sonata in C Minor.

CLARINET

CLARINET 7. Position of lips and fingers. Tone production. Scales up to one flat and one sharp. Diminished seventh arpeggios. Finger exercises derived from the diminished seventh arpeggio.

CLARINET 8. Chromatic scales. Major and minor scales. Major and minor thirds. Legato and staccato

CLARINET 9. Intervals of third, fourth, and fifth in major and harmonic minor keys. Chromatic exercises. Legato and staccato. C. Rose, Thirty-Two Studies for the Clarinet.

CLARINET 10. Chromatic exercises. Chromatic thirds and fourths. Whole tone scales. Transposition in A. Labanchi Method.

CLARINET 11. Transposition in both A and B; use of C clefs. Labanchi Method continued. Le Roy, Fifteen Concert Etudes from J. S. Bach; Louis de Santis, New Studies for the Clarinet. G. Marty, Fantasy for Clarinet and Orchestra; Weber, Concertino.

SAXOPHONE

SAXOPHONE 10. Major and minor scales and arpeggios. Chromatic scales. Klose, Etudes; Ben Verecken, Studies — Bk. I.

Prerequisite: Clarinet 9.

SAXOPHONE 11. Labanchi — Iasilli, Bk. I; Mule — Soussman, Vol. I. Advanced studies on chromatics. Transposition. Solos of intermediate difficulty.

BASSOON

BASSOON 8. Placement of reed in mouth. Action of tongue and lips. Holding the instrument. Practice of attacks, long tones, fingerings, scales.

BASSOON 9. Extension of range. Scale studies. Exercises on articulations. Weissenborn, Studies — Bks. I and II.

BASSOON 10. Tenor clefs. Major and minor scales up to four sharps and four flats. Intonation. Reed making. Bourdeaux, Premier Solo de Concours.

BASSOON 11. Completion of scale studies. Legato and staccato. Eugène Jancourt, Grande Etude pour Basson Op. 55; L. Milde, Twenty-Four Studies in All Keys Op. 24.

TRUMPET

TRUMPET 8

Scales and Arpeggios: C, F, and G with their relative minors (harmonic), to be played slowly, both detached and slurred through one octave.

Studies: Arban's Method (No. 25, p. 30, and No. 28, p. 32).

TRUMPET 9

Scales and Arpeggios: D, A, E, B, B flat, E flat, A flat, and D flat major, with their relative minors, to be played both legato and detached.

Studies: Arban's Method (Characteristic Study, No. 1, p. 285).

TRUMPET 10

Scales and Arpeggios: All major scales and arpeggios and their relative harmonic minors, to be played legato and detached.

Studies: Bousquet Studies — St. Jacome Method (No. 7 to be transposed to trumpet in A, a half tone down, and to trumpet in C, one tone up; also No. 17).

TRUMPET 11

Scales and Arpeggios: All major and minor (melodic and harmonic) scales and arpeggios to be played single — and double — tongued.

Studies: Charlier, Etudes for Trumpet (p. 5); Sachse, Etudes for Trumpet (No. 3 to be transposed to trumpet in A, C, D, E flat and F); St. Jacome, Method for Trumpet (No. 6 of Characteristic Studies).

FRENCH HORN

FRENCH HORN 11. Tone production, embouchure formation. Use of breath and tongue. Natural overtones, interval relations, arpeggio figures. Diatonic and chromatic passages, staccato and legato, in varying rhythms.

TROMBONE (TUBA)

TROMBONE 11. Correct stance: position of body and correct manner of holding instrument. Mouthpiece placement. Breath control. Attack and release of tone. All major and minor scales with tonic chords. Basic exercises in Arban and Sorgey Methods.

PERCUSSION

PERCUSSION 11. Snare drum: rudiments; rolls in various nuances. First part of Podemski Snare Drum Method. Mallets (pertaining to all phonetic instruments which are struck): major and minor scales. First part of William Dorn Method. One solo piece. Timpani: Goodman Method (first section).

HARP

HARP 8. Hand position. Basic scales and arpeggios. Grossi, Harp Method. Candidates must prepare three selections from the following list of pieces: Bach — Abrams, Two Minuets in G — in A Treasury of Easy Classics[1]; Grandjany, Bagatelles; Grandjany, Three Easy Pieces (Nocturne, Bagatelles); Hasselmans, Berceuse en sol mineur; Hasselmans, Trois pièces faciles (Rêverie); Maykapak-Abrams, The Blacksmith; Mozart — Abrams, Andantino, K. 236; Prokofieff — Abrams, Fairy Tale; Salzedo, Preludes Intimes (Nos. 1 and 3); Scarlatti — Abrams, Larghetto in D Minor — TEC.

HARP 9. Major scales through one and a half octaves. N. D. Bochsa, Forty Progressive Studies — Bk. I (any four studies).

Candidates must prepare three selections from the following list of pieces: Bach — Abrams, Polonaise — TEC; Bach — Abrams, Twelve Little Preludes (Pour le luth) — TEC; Beethoven — Abrams, Sonatina in G — TEC; Grandjany, Greetings; Grandjany, In a Dancing Mood — Harp Album; Grandjany, Le bon petit roi d'Yvetot; Grandjany, On an Old Christmas Song; Handel — Abrams, Prelude in G — TEC; Renié, Angelus; Renié, Première suite des six pièces (Auprès du ruisseau); Renié, Danse d'autrefois; Renié, Esquisse.

[1] Referred to henceforth as TEC.

HARP 10. Major and minor scales through three octaves. Major sixth and dominant ninth glissandi. Pozzoli, Studi di media difficolta per arpa (any two studies).

Candidates must prepare three selections from the following list of pieces: Beethoven, Six Easy Variations on a Swiss Air; Debussy — Grandjany, La Fille aux cheveux de lin; Donizetti — Schneker, Lucia di Lamermoor (Cadenza); Grandjany, Arabesque; Grandjany, Et ron, ron, ron, petit patapon; Grandjany, Noël provençal; Grandjany, The Pageant Begins; Kirchhoff — Grandjany, Aria and Rigaudon; Renié, Contemplation; Saint-Saens, Fantaisie; Tournier, Au matin; Zabel, Marguerite douloureuse.

HARP 11. Diminished seventh glissandi. Naderman, Sept sonates progressives (any two sonatas).

Candidates must prepare three selections from the following list of pieces: Bach-Grandjany, Largo; Busser, Pièce de Concert; Couperin-Salzedo, Giga; Debussy-Renié, First Arabesque; Granados-Abrams, The Last Pavane; Grandjany, Aria in the Classical Style for Harp and Strings (or Organ); Grandjany, Automne; Grandjany, Old Chinese Song; Handel-Grandjany, Sarabande; Hasselman, La Source; Hasselmans, Patrouille; Pierné, Impromptu-Caprice; Rousseau, Variations pastorales sur un vieux Noël; Salzedo, Suite of Eight Dances (Seguidilla and Rumba); Schobert-Grandjany, Andante; Tournier, Berceuse russe; Tournier, Féerie; Tournier, Images, Premier suite (Lolita, La Danseuse).

LOCAL CENTRES

The following places have been adopted as centres for public Examinations in Music; others will be added as necessity requires, but in all cases the establishment of a centre depends upon a sufficient number of candidates applying. All examinations for Certificates in the Local Grades, as well as those for the A. Mus. are held at these centres:

BURY	*Hon. Secretary:* Mrs. F. H. Harrison, Bishopton
CAMPBELLTON	*Hon. Secretary:* Miss Laura Alford.
CAMPBELL'S BAY	*Hon. Representative:* Rev. J. R. Windle. *Hon. Secretary:* Sister Frances Teresa, St. Joseph's Convent.
CHAPEAU	*Hon. Representative:* Rev. Dean J. Kimpton, St. Joseph's Convent. *Hon Secretary:* St. Joseph's Convent.
CHARLOTTETOWN	*Hon. Representative:* H. H. Shaw, Esq., B.Sc. *Hon. Secretary:* Miss E. Lillian McKenzie, Mus.B., F.M.C.M. (McGill), Conway Apts., Orlebar St.
COOKSHIRE	*Hon. Secretary:* Miss E. J. Ball.
EDMONTON	*Hon. Representative:* Dean Robert Hardy, University of Alberta. *Hon. Secretary:* Mrs. O. J. Walker, L.Mus., (McGill), 11103 Saskatchewan Drive.
FERNIE	*Hon. Representative:* Sydney Crookes, Esq. *Hon. Secretary:* Mrs. A. White, Cranbrook.
FREDERICTON	*Hon. Representative:* The Very Reverend Spencer C. Gray, The Deanery. *Hon. Secretary:* R. W. Mott, Esq., L.Mus. (McGill), 374 Charlotte St.
GRANBY	*Hon. Secretary:* Mrs. K. Thierer, 3 Elgin St.
HALIFAX	*Hon. Representative:* The Rev. S. H. Prince, University of King's College. *Hon. Secretary:* Miss M. H. Boak, 78 Morris St.
MONCTON	*Hon. Representative:* The Rev. J. A. Ramsay, D.D., The Manse, Alma St. *Hon. Secretary:* Miss Marion Murray, 185 Mountain Road.
MOOSE JAW	*Hon. Representative:* S. R. Stephens, Esq., City Librarian, Public Library. *Hon. Secretary:* Academy of Sion.
PETERBORO	*Hon. Representative:* John T. Donaldson, Esq., 223 Crescent St. *Hon. Secretary:* F. G. Mann, Esq., F.M.C.M., 203 London St.
QUYON	*Hon. Secretary:* Mrs. Evelyn M. Little, Shawville.

REGINA	*Hon. Representative:* Regina Conservatory of Music. *Hon. Secretary:* Mrs. R. H. Johnston, L.Mus. (McGill), Darke Hall.
RIVER JOHN	*Hon. Secretary:* Mrs. Harold Lisson.
SAINT JOHN	*Hon. Representative:* Rev. A. E. Coleman, B.A., 50 Orange St. *Hon. Secretary:* Dr. H. C. Dunlop, L.Mus., 75 Orange St.
SHERBROOKE	*Hon. Secretary:* Wright W. Gibson, Esq., M.A., F.M.C.M., High School.
SMITHS FALLS	*Hon. Secretary:* A. W. Lucas, Esq., L.Mus., Box 85.
SYDNEY MINES	*Hon. Secretary:* H. A. Briers, Esq., F.M.C.M., Box 438.
TRURO	*Hon. Representative:* Douglas Baker, Esq., 10 Queen St. *Hon. Secretary:* Miss Bertha Dunn, L. Mus., F.M.C.M. (McGill), 11 Victoria St.
VICTORIA VANCOUVER ISLAND	*Hon. Secretary:* R. H. Cox, Esq., L.Mus. (McGill), 1462 Fort St.

McGill University



Montreal

Faculty of Divinity

Divinity Hall

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
Institute of Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, and School of Household Science.)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

McGill University

FACULTY OF DIVINITY

ADMINISTRATIVE OFFICERS

THE UNIVERSITY—

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

D. L. Thomson, Ph.D., LL.D., F.C.I.C., F.R.S.C. — *Vice-Principal*

John H. Holton, B.Com. — *Secretary of the Board of Governors*

Colin M. McDougall, D.S.O., B.A. — *Registrar*

Richard Pennington, B.A., Lib.Dip. — *University Librarian*

G. A. Grimson, B.Com. — *Comptroller*

FACULTY OF DIVINITY—

S. B. Frost, B.D., M.Th., Dr. Phil. — *Dean of the Faculty*

W. C. Smith, M.A., Ph.D. — *Secretary of the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Divinity, is printed as a separate Announcement, which may be obtained from the Registrar's Office.

The Faculty of Divinity, its theological library and reading room, chapel, classrooms, auditorium, common rooms, and office are in Divinity Hall, 3520 University Street.

Daily services are held in the Chapel during the session open to all members of the University at times intimated on the notice-boards.

CALENDAR FOR THE SESSION 1958-59

1958

September 15th, Monday ..... Supplemental examinations begin.
September 23rd, Tuesday, *September 24th, Wednesday* ..... Registration.
September 25th, Thursday ..... Lectures begin.
October 6th, Monday ..... Fall Convocation.
November 11th, Tuesday ..... Remembrance Day Service
December 18th, Thursday ..... Last day of lectures

1959

January 5th, Monday ..... Examinations begin.
January 12th, Monday ..... Second term begins.
February 20th, Friday, *February 21st, Saturday* ..... Mid-term holidays.
March 27th, Friday to March 30th, Monday, incl. ..... Easter Vacation.
April 17th, Friday ..... Lectures end.
April 2nd, Wednesday ..... Examinations begin.
May 29th, Friday ..... Convocation.

TEACHING STAFF OF THE FACULTY OF DIVINITY

STANLEY BRICE FROST, B.D., M.Th. (Lond.), Dr. Phil. (Marburg)
Dean of the Faculty and Professor of Old Testament Language and Literature

GEORGE BRADFORD CAIRD, B.A. (Cantab.), M.A., D.Phil. (Oxon.)
Professor of New Testament Language and Literature

ROBERT HENRY LAWSON SLATER, M.A. (Cantab.), Ph.D. (Columbia)
Professor of Systematic Theology

WILFRED CANTWELL SMITH, B.A. (Tor.), M.A., Ph.D. (Princeton)
W. M. Birks Professor of Comparative Religion

JAMES SUTHERLAND THOMSON, M.A. (Glasgow), D.D. (Glasgow, Emmanuel, Toronto), LL.D. (Washington, Queen's, Toronto, McGill, McMaster, Manitoba, Alberta, Saskatchewan), F.R.S.C.
Professor of Philosophy of Religion (Post-retirement)

HENRY HORACE WALSH, B.D. (General Synod), M.A. (King's), S.T.M. (General Theological Seminary), Ph.D. (Columbia)
Associate Professor of Church History

Lecturer in the Psychology of Religion

JOHN ARTHUR BOORMAN, B.A.(Alberta), M.A., Ph.D. (Columbia).
Lecturer in Christian Ethics

JOHN CHARLES KIRBY, S.T.B. (General Theological Seminary, New York), B.A., S.T.M.
Lecturer in New Testament

CHARLES JOSEPH ADAMS, A.B.(Baylor) Ph.D. (Chicago)
Lecturer in Comparative Religion

THE FACULTY OF DIVINITY

GENERAL

The Faculty was created by the Senate of the University in 1948, following on negotiations with the Montreal Diocesan College, the United Theological College (Montreal) and the Joint Board of Theological Colleges, affiliated to McGill University. While admission is open to any student, the Faculty operates in immediate association with the aforementioned colleges, which accept the courses of instruction in respect of their candidates for ordination. At the same time, the Colleges preserve their separate identity and provide corporate life, residential accommodation, courses of practical training, also bursaries and financial assistance for their students.

The Faculty of Divinity offers a three-year course leading to the degree of Bachelor of Divinity (B.D.) general or with honours. The basic entrance requirement is a Bachelor's degree from a recognized university, and there are also prerequisites in certain subjects, as noted in the following pages. In co-operation with the Faculty of Graduate Studies and Research, the degrees of Master of Theology (S.T.M.) and Doctor of Philosophy (Ph.D.) are offered. Particulars will be found on page 2316.

The B.D. course provides instruction in the Biblical, Historical, and Theological subjects common to the curricula of theological colleges of the principal churches of Canada, other than the Roman Catholic. Additional training in Practical and Pastoral Theology and in subjects for which a distinctive form of training is required by a particular Communion, will be provided by the participating theological colleges. The Montreal Diocesan Theological College of the Anglican Church of Canada and the United Theological College of the United Church of Canada also grant their own diplomas on completion of the course for ordination. Students who belong to other Communions should consult their own ecclesiastical authorities before applying to one or other of these colleges for training in the subjects which are required of ordination candidates, but which do not form part of the B.D. course in the Faculty of Divinity.

Any qualified student may apply for admission to the B.D. course.

The Faculty also provides instruction, as indicated above, for all ordination candidates who are enrolled in the participating colleges, but who, through lack of qualification in pre-requisite studies, are not eligible to become candidates for the B.D. degree. They will be admitted as Partial Students (see page 2307).

REQUIREMENTS FOR ADMISSION

A Bachelor's degree from a recognized university, preferably the B.A., is the basic prerequisite.

It is also normally required that the following courses shall have been completed in the Faculty of Arts and Science of McGill University, or their equivalent in another recognized university:

Courses are designated as in the Announcement of the Faculty of Arts and Science.

Latin:	Senior Matriculation Latin, or Latin 2 or 11.
Greek:	Junior Matriculation Greek, or Greek 2.
Philosophy:	Philosophy 300 and one additional course.
History:	One course in Ancient History, and one course in European History.
English:	English 100, and one additional course.
Natural Sciences:	One course.
Social Sciences:	A course in one of the following: Economics Political Science Psychology Sociology Social Anthropology

Applicants who have not completed all the above subject requirements, or who are in doubt as to the equivalent recognition of courses taken elsewhere than at McGill, should consult the Dean. It may be necessary for them to take certain qualifying courses for admission to the B.D. course. The Dean may exercise his discretion in the case of students of demonstrated ability whose course for the Bachelor's degree has not followed the normal pattern outlined above.

Students who intend to enter the Faculty of Divinity after completing an Arts course are strongly advised to include the above subjects. They should also consult with the Dean of the Faculty of Divinity, who will advise them concerning the most suitable course of studies.

ADVANCED STANDING

Admission to advanced standing in the B.D. course may be granted to suitable applicants from recognized institutions, but in no case will the B.D. degree be granted after less than two years' intramural study in the Faculty of Divinity.

APPLICATION AND REGISTRATION

Intending students of the Faculty of Divinity must submit to the Dean an application with supporting documents by September 16th, 1957. Requests for the necessary application forms should be sent to the Dean's Secretary, Divinity Hall, 3520 University St., Montreal 2.

Registration will take place at the Office of the Dean on Tuesday, September 23rd, and Wednesday, September 24th, 1958. Students registering late will be required to pay a special fee for late registration unless exempted by the Registrar for sufficient reasons.

CLASSES OF STUDENT

(i) **Regular** — Students who are admitted to the B.D. course and who are taking the full number of lecture courses of the year in which they are enrolled.

(ii) **Limited** — Students who are admitted to the B.D. course, but who are unable to undertake the full work of the B.D. curriculum concurrently with the courses in Practical Theology provided by the colleges for candidates for ordination, or who, not being ordination candidates, have good reason to ask for extension. Such students may, with the Dean's permission, extend their course for the B.D. degree beyond the normal period of three years.

(iii) **Partial** — Students who are not registered as proceeding to the B.D. degree, but who can satisfy the Dean and Faculty of their ability to do the work of the courses to which they seek admission. Ordination candidates registered in one of the participating colleges, and who are not eligible for entrance to the B.D. course, will be advised by the Principal of the College as to the courses of the B.D. curriculum to which they should seek admission as Partial students.

(iv) **Graduate** — Students enrolled in the Faculty of Graduate Studies and Research who are candidates for the degrees of S.T.M. and Ph.D.

FEES

Since this Announcement was printed, the University has found it necessary to institute the following fee increases:

Divinity—University fee.....$500.00

Limited and Partial Students.....$115.00 for each full course.

(2) The University fee for all other full-time students will be $400.00 a session, and includes all the regular charges of the University for tuition, registration, health service, libraries, sports, games, graduation and Students' Society fee.

(3) Limited students, and Partial students, not candidates for ordination, who are taking one or two courses, will pay $100.00 for each full course, $5.00 Grounds fee, and $5.00 to the Students' Society ($3.50 for the use of the McGill Union, and $1.50 for the McGill Daily). If taking three or more courses, such students will pay the Health Service fee of $7.00 (if in residence, $10.00), the Athletics fee of $15.00, and the full Students' Society fee of $15.00.

(4) Partial students who are candidates for ordination registered in one of the participating theological colleges, will be exempted from payment of tuition fees, but will pay the extra fees listed in (3) above.

(5) Fees for Graduate students are shown in the Announcement of the Faculty of Graduate Studies and Research. Particulars may be had on application.

For further information about the payment of fees, consult the General Information Pamphlet included with this Announcement.

EXAMINATIONS

Mid-sessional examinations are held in January for half-courses completed in the first term, and interim tests in full courses may be held at the same time. Final sessional examinations are held late in April.

The pass mark in all examinations is 50%. First class standing is 80% and over, second class standing 65% to 79%, and third class standing 50% to 64%.

FAILURES AND SUPPLEMENTAL EXAMINATIONS

A student who has failed in a mid-sessional or sessional examination may apply for permission to write a supplemental examination in the following September. A student who has failed in more than two full courses must withdraw from the Faculty or, with the Dean's permission, repeat his year.

CONDITIONED STANDING

A student who lacks not more than one full course of the entrance requirements to any year of the B.D. course, may be admitted by the Faculty with conditioned standing. He is not permitted to carry this condition for more than one session.

CURRICULUM FOR THE GENERAL B.D. DEGREE (1958-1959)

Note: In the First year, students who possess the necessary qualification in Greek take Hebrew as their Biblical language. Others choose between *Hebrew* and *Greek*. The Second and Third years take the following classes together in alternate years: *Old Testament, New Testament, Systematic Theology*. In the Third year, second term, students must choose their optional subject as *Church History, Comparative Religion, Christian Ethics* or *Pastoral Psychology*. For details of courses see pages 2312 *et seq.*

FIRST YEAR

Old Testament.....2 hours and tutorials, session
New Testament.....2 hours and tutorials, session
Systematic Theology.....2 hours and tutorials, session
Philosophy of Religion.....2 hours and tutorials, first term
Church History.....2 hours and tutorials, second term
Biblical language.....3 hours, session

Total lecture and tutorial hours: 12 hours per week, session.

SECOND YEAR

Old Testament.....2 hours and tutorials, second term
New Testament.....2 hours and tutorials, first term
Systematic Theology.....2 hours and tutorials, session
Philosophy of Religion.....2 hours and tutorials, second term
Church History.....2 hours and tutorials, session
Comparative Religion.....2 hours and tutorials, first term
Pastoral Psychology.....2 hours and tutorials, first term
Christian Ethics.....2 hours and tutorials, second term

Total lecture and tutorial hours: 11 hours per week, session.

THIRD YEAR

Old Testament.....2 hours and tutorials, second term
New Testament.....2 hours and tutorials, first term
Systematic Theology.....2 hours and tutorials, session
Philosophy of Religion.....2 hours and tutorials, first term
Church History.....1 hour, first term
Optional subject.....2 hours and tutorials, second term

Total lecture and tutorial hours: 8 hours per week, first term.
7 hours per week, second term.

The presentation of an acceptable thesis embodying the results of specialized study is a requirement for the B.D. degree. (See Regulations, page 2315.)

DEGREE OF B.D. WITH HONOURS

The degree of Bachelor of Divinity *with honours* will be conferred on candidates who fulfil the requirements.

The purpose of the *honours* award is to recognize the outstanding attainments of qualified candidates who complete specially prescribed courses of study and pass the necessary examinations *on a high standard.* The special courses are designed to provide an opportunity for able and promising students to become well trained on the basis of particular interest and capacity in one of the theological disciplines.

Candidates for the degree with honours are usually also students in preparation for ordination to the Holy Ministry; consequently, in the curriculum prescribed for the award of honours, there is no modification of the broad general training in all the theological disciplines, which is necessary for the future vocation of such candidates, and which is prescribed by ecclesiastical regulations. The Honours course attempts to combine the interests of special scholarship with those of general theological education. The standard of attainment must be high alike in the general curriculum and in the *honours* subject.

REGULATIONS FOR THE B.D. WITH HONOURS

(1) Honours may be awarded in any one of the following six departments of study—Old Testament, New Testament, Church History, Systematic Theology, Philosophy of Religion, Comparative Religion.

(2) A candidate must apply for admission to an Honours course in one of the six departments of study, which will then be designated as his *major* subject. He will also be required to undertake special studies in one other related department, which will be designated as his *minor* subject.

He must undertake advanced studies in his *major* subject during the Second and Third years of his course, and in his *minor* subject during the Second or Third year (normally the latter).

At the close of the Third year, the candidate must submit the thesis required of all candidates for the B.D. degree, but it must be connected with his major subject and must be of a more substantial character than for the ordinary degree. (See Regulations for B.D. thesis, page 2315.)

(3) A candidate should apply for admission to an Honours course normally at the completion of the First year of his studies for the B.D. degree. To be qualified, he must have obtained during his First year:

(a) A high general average attainment in all subjects (not less than 70%).

(b) *First Class* or *high Second Class* standing in his major subject.

A candidate for Honours in Old Testament must have taken a full course in Hebrew during his First year or previously, and have attained at least second-class standing in that language. A prospective candidate for Honours in Old Testament who has completed the requirement in Hebrew before entering his First year will be given a tutorial course (including Hebrew) in lieu of Hebrew I.

Admission to an Honours course will be granted by the Faculty on the recommendation of the professor whose department of study is selected as the major subject.

(4) A candidate must continue to maintain the qualifying standard of achievement (see previous regulation) during his Second and Third years. If he fails to do so, special adjustments may be made to permit him to complete requirements for the general degree, provided that in the opinion of the Faculty his attainments are satisfactory.

(5) The advanced courses of study in the major and minor subjects will be prescribed and directed by the professors concerned and may consist of work additional to the studies required by candidates for the general degree or of special work of an advanced character substituted for the general course.

A candidate must also attend lectures and pass the prescribed examinations in all the subjects (other than his major and minor subjects) which are required for the general B.D. degree, except as follows:

(a) Reading courses in each of two half-courses (normally of the Third year) in the general curriculum may be substituted for attendance at the lectures, these courses to be followed by a qualifying paper, which may consist of an essay or an examination, at the discretion of the professor concerned.

(b) When the candidate has selected Church History or Comparative Religion as his major subject, or when the combination of major and minor subjects creates a specially heavy assignment of prescribed studies, he may apply to be exempted from one half-course of the general curriculum (usually in the Third year), but, in no case can this exemption be granted from courses in the New Testament or in Systematic Theology.

(6) The award of Honours will be made by the Faculty on the recommendation of the Dean and the professor of his major subject, who will base their judgment on the candidate's whole record during the entire course of study in the Faculty of Divinity.

DESCRIPTION OF COURSES

OLD TESTAMENT

Professor S. B. Frost
Teaching Fellow

OLD TESTAMENT 1A—AN INTRODUCTION TO OLD TESTAMENT STUDIES.
Presuppositions. The Geography of Near East and of Palestine. The History of Near East to 4 B.C. The Identity of the Hebrews. The History of the Hebrews. The Literature known as the Old Testament. Its text and transmission.

OLD TESTAMENT 1B—OLD TESTAMENT PROPHECY.
The origins and character of prophecy. The Schools of the Prophets. The Eighth Century Prophets. The Prophets of the Exile. The Post-Exilic Prophets. The Structure of the Book of Isaiah, with exegesis of selected chapters.

OLD TESTAMENT 2B—HEBREW POETIC AND WISDOM LITERATURE.
The nature, structure and origins of the Psalter. The nature of Hebrew Poetry. Types of psalms: Hymns, Royal, Enthronement, Laments, Didactic. Exegesis of selected psalms. The Wisdom Literature. (*Given in 1958-9.*)

OLD TESTAMENT 3B—THE PENTATEUCH.
The nature and content of the Pentateuch. The history of Pentateuchal Criticism. The analysis and character of the Pentateuchal Sources. Exegesis of selected chapters. The main theological terms of the Old Testament. (*Not given in 1958-9.*)

NEW TESTAMENT

Professor G. B. Caird
Lecturer J. C. Kirby

NEW TESTAMENT 1—INTRODUCTION TO NEW TESTAMENT STUDIES
The political and religious background; the canon, text, and versions of the New Testament; the Synoptic Problem; text of the Synoptic Gospels and the Acts of the Apostles.
First year.....3 hours, session

NEW TESTAMENT 2A—THE LIFE AND TEACHING OF ST. PAUL
Introduction to the Pauline Epistles, with exegesis of selected portions in Greek; introduction to the Pastoral Epistles. (*Given in 1958-59.*)
Second or Third year (*alternately*).....3 hours, second term

NEW TESTAMENT 3—THE EPISTLE TO THE HEBREWS; THE GENERAL EPISTLES, AND THE JOHANNINE LITERATURE
Introduction, with exegesis of selected portions in Greek. (*Not given in 1958-59.*)
Second or Third year.....3 hours, session

CHURCH HISTORY

Associate Professor H. H. WALSH

CHURCH HISTORY 1B—THE FIRST FIVE CENTURIES

The world in which the Church was founded, and the Christian development.

CHURCH HISTORY 2A—THE CHURCH IN THE MIDDLE AGES

From the Teutonic invasions to the Reforming Councils.

CHURCH HISTORY 2B—THE REFORMATION AND THE COUNTER-REFORMATION

A brief survey of the Eastern Churches and of missionary activity during this era will be included.

CHURCH HISTORY 3A—CANADIAN CHURCH HISTORY

A study of the origin and development of the various branches of the Christian Church in the Canadian setting.

CHURCH HISTORY 3B—HISTORY OF THE MODERN CHURCH (OPTIONAL)

European Christianity from the 18th Century; the world-wide expansion of Christianity with special reference to the Ecumenical Movement.

SYSTEMATIC THEOLOGY

Professor R. H. L. SLATER

SYSTEMATIC THEOLOGY 1A—HISTORICAL INTRODUCTION

The development of Christian Thought: a study of selected theologians from Irenaeus to Paul Tillich; with reference to original sources.

SYSTEMATIC THEOLOGY 1B—SIGNIFICANCE OF THE CHRISTIAN DOCTRINE OF CREATION FOR TO-DAY

The Christian concept of the Triune God—The Christian Estimate of Man—Finitude, Freedom and Sin.—The Need of Salvation.

SYSTEMATIC THEOLOGY 2A—THE DOCTRINE OF REDEMPTION

What think ye of Christ?—The significance of the Incarnation—Interpretations of the Atonement.

SYSTEMATIC THEOLOGY 3A—THE DOCTRINE OF SANCTIFICATION

The Doctrine of the Holy Spirit—Eternal Life—Human Destiny—Divine Judgment.

SYSTEMATIC THEOLOGY 3B—THE CHURCH, THE MINISTRY AND THE SACRAMENTS

The Nature and the Function of the Church in the light of traditional statements and modern Ecumenical discussions—Different views of the Ministry—The significance of the Sacraments of the Church.

PHILOSOPHY AND PSYCHOLOGY OF RELIGION

Professors J. S. THOMSON (*Post-retirement*)

Lecturer

PHILOSOPHY OF RELIGION 1A—INTRODUCTION TO THE PHILOSOPHY OF RELIGION

An introductory study of the nature of religious belief with an examination of its validity. Religious faith considered as the basis for a philosophy of life and an interpretation of the world, including moral and other values.

PHILOSOPHY OF RELIGION 2B—A STUDY OF THE PROBLEMS OF RELIGIOUS FAITH

The problems of pain and evil. An examination of the relation of religious beliefs to science, secularism, and materialism.

PHILOSOPHY OF RELIGION 3A—RELIGIOUS FAITH IN THE CONTEMPORARY WORLD

An examination of religion in relation to movements in the current moral and intellectual environment.

PSYCHOLOGY OF RELIGION 2A—INTRODUCTION TO PASTORAL PSYCHOLOGY

COMPARATIVE RELIGION

Professor W. C. SMITH
Lecturer C. J. ADAMS

COMPARATIVE RELIGION 2A—RELIGION IN THE ORIENT

A prefatory general survey of the field. After reference to the religion of pre-historic man and of modern non-literate societies, synoptic introductions will be given to the great religions of the Orient, ancient and modern.

COMPARATIVE RELIGION 3B—RELIGION IN THE ORIENT (OPTIONAL)

A fuller study of one of the Oriental religions: its teachings, institutions, and cultural achievements, so as to understand both the historical development and what the religion means to its adherents to-day.

Honours courses will be offered in Comparative Religion proper, philosophic and systematic. Further, instruction can be arranged in the basic languages of Islam (Arabic, Persian, Urdu) and, at an elementary level, of Hinduism (Hindi and Sanskrit, the latter in the Faculty of Graduate Studies, Department of Classics).

CHRISTIAN ETHICS

Lecturer J. A. BOORMAN

CHRISTIAN ETHICS 2B—AN INTRODUCTORY STUDY

The sources, nature and relevance of the Christian Ethic. The application of Christian Ethics to such aspects of personal and social life as marriage,

vocation, civil rights and responsible citizenship, economic and political problems, international relations.

CHRISTIAN ETHICS 3B—CHRISTIAN SOCIAL ETHICS (OPTIONAL)

The role of the Church in society today; a study of Christian influence in community, state and world affairs. The relevance of Christian Ethics to modern culture—art, science, business, education and recreation.

REGULATIONS FOR THE SUBMISSION OF THE B.D. THESIS

(1) The presentation of an acceptable thesis is a requirement for the award of the degree.

(2) Preparation of the thesis is to be regarded as an integral part of the course of studies required for the degree, whereby the candidate is given an opportunity to devote himself with personal originality and initiative to the study of some particular subject and thus to attest his worth and capacity as a responsible scholar. The thesis must be the candidate's own original work, and should display a real grasp of the selected subject, with an ability to organize the necessary material and to present it in an effective manner.

(3) The thesis shall deal with some special aspect of theological study, and its subject should be chosen in consultation with the professor who is responsible for the department of study within which the proposed subject falls. When the subject is related to two departments, both professors should be consulted. Thereafter the subject must be approved by the Faculty.

Normally the subject of the thesis should be chosen during the Second year of the course. Thereafter, the candidate should confer from time to time as directed on the progress of the work with the professor or professors concerned, but it should be understood that the thesis cannot be approved as acceptable either in its parts or as a whole until the complete thesis is finally presented to the Faculty.

(4) Normally, a thesis presented for the general degree should contain from 10,000 to 15,000 words. A thesis for the degree with Honours should be of a more substantial character in matter and length, and should contain from 15,000 to 20,000 words. An analytical table of contents and a bibliography should be displayed. Authorities and references should be precisely cited in foot-notes. Excessive quotation should be avoided. It is essential that literary form and style should be of a worthy standard.

(5) The thesis must be written during the candidate's final year of attendance, and must be submitted not later than March 31st, of the year in which the final examinations are written.

If the thesis is rejected as unsatisfactory, the candidate may apply before June 30th of the same year for permission to re-submit it and, if such permission is granted by the Faculty, a date for re-submission will be prescribed.

GRADUATE STUDIES

The Faculty of Graduate Studies and Research directs and controls all courses leading to higher degrees and recommends candidates for these degrees. This arrangement includes graduate studies and research in Divinity. The Faculty offers courses leading to the degrees of Master of Theology (S.T.M.) and Doctor of Philosophy (Ph.D.).

REGULATIONS FOR THE S. T. M.

(1) The purpose of the S.T.M. course is to provide a richer intellectual background for the work of the Ministry in all its forms. It seeks to carry further and at a more scholarly level the education gained in the study for the B.D. degree.

(2) The Faculty of Divinity acts as a committee of the Faculty of Graduate Studies in recommending to that Faculty the admission of a student to the course leading to the S.T.M. degree and in recommending that, when his work in his seminar courses has been satisfactory, and when the examiners are satisfied with his thesis, he be awarded the S.T.M. degree. Students must register with the Faculty of Graduate Studies, information concerning which may be obtained from the Dean of Graduate Studies. Nothing in these regulations should be held to contravene the general regulations of the Faculty of Graduate Studies. Students may first consult with the Dean of Divinity.

(3) Candidates shall normally possess the B.D. degree of a Canadian or American University or accredited college, or the theological degree of a British university or such other theological degree as may be deemed equivalent by the Faculty of Divinity. If his theological degree did not include the writing of a thesis, the candidate may be required either to write a qualifying thesis at the B.D. level or to produce other evidence of ability to write such a thesis.

(4) Each candidate for the S.T.M. degree shall attend three seminars and obtain not less than second-class standing in each, and shall also write a thesis to the satisfaction of one internal examiner and one external

examiner, appointed by the Faculty of Graduate Studies. The subject of the thesis must be approved by the Faculty of Graduate Studies on the recommendation of the Faculty of Divinity.

(5) The required seminars shall each last for one academic session and the student's choice shall be guided by the Dean of Divinity in consultation with his colleagues. The seminars will not necessarily be closely related to the subject of a student's thesis. (Not all departments in the Faculty of Divinity offer a seminar in any particular session.)

(6) The thesis shall be the result of original sources, as far as these are available, and shall embody the student's appraisal of the relevant material and the conclusions he draws from it. The subject need not be one hitherto unworked, but the treatment must be fresh and the basic research the student's own. Great stress is laid at this level on acquaintance with primary sources, the orderly presentation of material, the cogency and clarity of its exposition, proper documentation, and the ability to conduct research in a scholarly manner. Each candidate for the S.T.M. will be assigned to a director for guidance in the preparation of his thesis. When a thesis has been judged unsatisfactory, it may, by permission of the Faculty of Graduate Studies, be revised and re-submitted, but not more than once.

(7) A student whose thesis relates to the New Testament will be expected to work with the Greek Text and one whose thesis relates to the Old Testament the Hebrew Text. In either case, the student may be allowed to substitute two sessional courses of Hebrew studies for one seminar.

(8) A student may take three seminars in one academic session and submit his thesis at the end of that session, only if he is a full-time student. A part-time student may not take more than two seminars in any one session. He may if he so elects take one seminar in each of three sessions and present his thesis during a further session, but the whole must be completed in five years, unless permission is granted for an extension of time on the recommendation of the Faculty of Divinity.

REGULATIONS FOR THE Ph.D. (Divinity)

(1) The purpose of the Ph.D. course is to engage the student in academic studies at the highest level and to enable him to prepare himself for an academic career. Students not wishing to embark on such a career may take the course but it should be realized that this major aim conditions the course and the level of academic attainment required.

(2) The Faculty of Divinity acts as a Committee of the Faculty of Graduate Studies in recommending to the latter faculty the acceptance

of students as prospective candidates for the degree of Ph.D. and in notifying the Dean of Graduate Studies of their progress in the various stages of the course. Nothing in these regulations should be held to contravene the general regulations of the Faculty of Graduate Studies, which may be obtained from the Dean of Graduate Studies. Students wishing to enter the course for the Ph.D. may first consult with the Dean of Divinity.

(3) The course normally requires three academic sessions of full time study, of which the year spent in S.T.M. studies may count as one. For permission to spend one session of study at another University, the student must consult with the Dean of Divinity. It is assumed that he will have a knowledge of Latin, Greek and Hebrew. He must also pass the Faculty of Graduate Studies' reading examination in French and German. Another European language may sometimes be substituted for French or German. *Candidates are urged to meet these language requirements before entering upon the Ph.D. course.* They may not proceed to their final year until they have done so.

(4) Each student is accepted on probation for his Second year of Ph.D. studies only after gaining his S.T.M. degree or its equivalent, with at least the standing of *cum laude*, and having obtained at least a good second class standing in his three S.T.M. seminars. During this year he may, if a full-time student, take three further seminars, so as to complete a total of six seminars. Not more than three of these six may be taken in any one department, and one seminar will be directed at ensuring that the student has the skills and background requisite for a teacher in his field of specialization. This Second year's work must be taken over a longer period if the student is registered as part-time.

(5) At the end of his Second year, the student must pass the Preliminary Examination, both written and oral, and must obtain at least a good second-class standing in the three seminars of that year, before he can be passed as an accepted candidate for the degree into his final and Third year.

(6) During his Third year (which again for the part-time student must be extended over a longer period) the student must prepare a thesis in the field of his specialized interest. The student is, however, advised to decide the field at the beginning of his Second year, in order that he may be assigned to a director who shall guide his research. The thesis must be submitted within three years after the termination of the Second year of Ph.D. studies unless the student receives special permission for an extension of this period.

GRADUATE SEMINARS

61. THE DOCTRINE OF THE TRINITY — *Professor Slater*
65. THE NATURE AND FUNCTION OF THE CHURCH — *Professor Slater*
73. THE SEPTUAGINT AND THE NEW TESTAMENT — *Professor Caird*
74. ST. PAUL'S EPISTLE TO THE ROMANS (Text, Exegesis and Theology) — *Professor Caird*
84. THE QUMRAN COMMUNITY — *Professor Frost*
90. INTRODUCTION TO CANADIAN CHURCH HISTORY — *Professor Walsh*
91. PROBLEMS OF CHURCH AND STATE — *Professor Walsh*
92. THE HISTORY OF THE DOCTRINE OF THE ATONEMENT — *Professor Thomson*
93. THE SOCIAL TEACHING OF THE CHRISTIAN CHURCHES SINCE 1900 — *Professor Walsh*
94. SELECTED PSALMS (Hebrew and Greek Texts and Exegesis) — *Professor Frost*
101. HISTORICAL DEVELOPMENT OF ISLAMIC THEOLOGY — *Professor Smith*
102. ISLAM IN THE MODERN WORLD — *Professor Smith*
103. SEMINAR IN COMPARATIVE RELIGION — *Professor Smith*
104. THE SIGNIFICANCE OF "NIRVANA" — *Professor Slater*
105. CHRISTIANITY AND BUDDHISM — *Professor Slater*
106. CHRISTIANITY AND ISLAM — *Professor Smith*

Note: Graduate Courses in Philosophy of Religion will be announced later.

BURSARIES, SCHOLARSHIPS, AND PRIZES

1. AWARDED BY THE FACULTY OF DIVINITY

W. M. Birks Scholarships—Three W. M. Birks scholarships are awarded by the Faculty of Divinity, viz:

Entrance Scholarship—$250, to be awarded to the most outstanding and promising student entering the First year of the B.D. course. Applications must be made by 15th June to the Dean of the Faculty of Divinity.

Two Scholarships, each of $100, to be awarded to the most outstanding students at the end of the First and Second years of the B.D. course respectively. They will be tenable during the Second and Third years of attendance.

N.B. In addition to the above grants, students of participating Churches receive free tuition.

W. M. Birks Teaching Fellowship—$1,500, plus Tuition Fees in the Faculty of Graduate Studies. Candidates must be prepared to teach First year Hebrew (3 hours weekly) and to pursue Graduate Studies in Divinity at either the S.T.M. or Ph.D. level in a field of their own choosing.

Samuel Finley Memorial Scholarship—$120 is available to a student enrolled in the Faculty of Graduate Studies and Research who is pursuing advanced studies in Divinity. Application should be made to the Dean of the Faculty of Divinity on or before 1st June.

2. AWARDED BY A THEOLOGICAL COLLEGE

Particulars concerning Bursaries, Scholarships, and Prizes open to students registered in the participating theological colleges are set out in the calendars of these institutions, which may be had on application to the respective Principals (see below).

PARTICIPATING THEOLOGICAL COLLEGES

ADDITIONAL COURSES FOR ORDINANDS

The Montreal Diocesan Theological College of the Anglican Church of Canada and the United Theological College of the United Church of Canada are associated with the Faculty of Divinity and contribute to its support. The professors of the Faculty of Divinity who are members of one or other of these Communions may be also members of the faculty in one of the theological colleges. Students in the Faculty of Divinity who are candidates for ordination in the Anglican Church or in the United Church of Canada must be registered also in their respective colleges, where they will receive such practical and other training as is required of candidates for ordination, but which is not part of the course for the B.D. degree.

The Montreal Diocesan Theological College and residence is situated at 3473 University St.; the Principal is Rev. R. H. L. Slater, M.A., Ph.D.

The United Theological College and residence is situated at 3508 University St.; the Principal is Rev. George B. Caird, M.A., D.Phil.

McGill University

Montreal



Faculty of Graduate Studies and Research

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Institute of Education
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, and School of Household Science.)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (available for distribution only to libraries and officials of certain institutions.)

INDEX

	Page
Administrative Officers	2607
Admission	2611
Civil Servants	2622
Classes of Students	2612
Classification of Marks	2621
Cognate Subjects	2621
Committee on Research	2607
Degrees and Diplomas	2614
Departments of Study—	
Agronomy	2636
Air Law	2625, 2705
Anatomy	2637
Anthropology	2749
Architecture	2638
Bacteriology	2639
Bacteriology (Agricultural)	2634
Biochemistry	2642
Botany	2643
Chemical Engineering	2645
Chemistry	2646
Chemistry (Agricultural)	2635
Civil Engineering and Applied Mechanics	2652
Classics	2653
Comparative Religion	2655
Community Planning	2639, 2654
Divinity	2654
Economics and Political Science	2656
Education	2662
Electrical Communications	2668
Electrical Engineering	2664
English	2670
Entomology	2674
French	2678
Genetics	2681
Geography	2685

PAGE

Geological Sciences 2690
German 2696
Greek 2653
History 2698
Horticulture 2699
Islamic Studies 2701
Latin 2653
Law 2625, 2705
Library Science 2707
Mathematics 2708
Mechanical Engineering 2718
Medicine (Experimental) 2675
Medicine (Investigative) 2700
Metallurgical Engineering 2719
Meteorology 2685, 2686
Mining Engineering 2721
Neurology and Neurosurgery 2722
Nutrition 2724
Parasitology 2725
Pathology 2726
Pharmacology 2727
Philosophy 2728
Physics 2729
Physics (Macdonald College) 2737
Physiology 2738
Plant Pathology 2739
Poultry Husbandry 2740
Psychiatry 2741
Psychology 2742
Social Work 2623
Sociology 2745
Surgery (Experimental) 2677
Theological Studies 2626, 2654
Zoology 2751
Diploma in Electrical Communications 2669
Diploma in School Supervision 2664
Faculty Members 2608

	PAGE
Fees	2616
Fellowships, Scholarships and Medals	2615
French Summer School	2618, 2680
General Rules	2620
General Statement	2611
Graduate Record Examination	2611
Libraries	2755
Language Examinations, Ph.D	2629
Macdonald College Courses	2614
Marks, Classification of	2621
Members of the Faculty	2608
Mineral Exploration, Degree in	2695
Ph.D. Language Examinations	2629
Ph.D. Preliminary Examinations	2629
Postgraduate Students' Society	2620
Qualifying Students	2612
Registration	2612
Regulations concerning Theses	2630
Regulations for Degrees—	
Doctor of Philosophy (Ph.D.)	2627
Master of Architecture (M.Arch.)	2625
" " Arts (M.A.)	2623
" " Civil Law (M.C.L.)	2625
" " Commerce (M.Com.)	2625
" " Engineering (M.Eng.)	2624
" " Laws (LL.M.)	2625
" " Library Science (M.L.S.)	2626
" " Science (Applied)	2626
" " Science (M.Sc.)	2623
" " Social Work (M.S.W.)	2623
" " Theology (S.T.M.)	2626
Research Associates	2620
Research, Committee on	2607
Resident Graduate Study	2619
Rules, General	2620

	Page
Scholarships	2615
School Supervision, Diploma in	2664
Social Work, School of	2623
Theses	2630
Tuition Fees	2616

Faculty of Graduate Studies and Research

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

David L. Thomson, Ph.D., D.Sc., LL.D., F.R.S.C. — *Vice-Principal of the University and Dean of the Faculty of Graduate Studies and Research*

F. C. MacIntosh, M.A., Ph.D., F.R.S. — *Secretary of the Faculty of Graduate Studies and Research*

J. H. Holton, B.Com. — *Secretary of the Board of Governors*

G. A. Grimson, B.Com. — *Comptroller*

Colin M. McDougall, D.S.O., B.A. — *Registrar*

A complete list of the teaching staff of the University, including the Faculty of Graduate Studies and Research, is printed as a separate announcement, which may be obtained from the Registrar's Office.

COMMITTEE ON RESEARCH

Dean D. L. Thomson, *Chairman*

Professor Charles Fox
Professor Joyce Hemlow
Professor R. W. Reed
Professor C. E. Smith
Professor H. A. Steppler
Professor W. A. Westley
Professor D. M. Wright
Professor L. Yaffe

MEMBERS OF THE FACULTY (1958-1959)

PROFESSOR D. L. THOMSON (Biochemistry)—*Dean*

PROFESSOR L. BAUDOUIN (Law)

PROFESSOR E. F. BEACH (Economics)

PROFESSOR N. J. BERRILL (Zoology)

PROFESSOR J. B. BIRD (Geography)

PROFESSOR A. C. BLACKWOOD (Agricultural Bacteriology)

PROFESSOR J. W. BOYES (Genetics)

PROFESSOR J. S. L. BROWNE (Medicine)

PROFESSOR A. S. V. BURGEN (Physiology)

PROFESSOR K. B. CALLARD (Political Science)

PROFESSOR D. G. CAMERON (Medicine)

PROFESSOR T. W. M. CAMERON (Parasitology)

PROFESSOR G. E. G. CATLIN (Political Science)

PROFESSOR R. V. CHRISTIE (Medicine)

PROFESSOR T. H. CLARK (Geology)

PROFESSOR R. A. CLEGHORN (Psychiatry)

PROFESSOR R. H. COMMON (Agricultural Chemistry)

PROFESSOR J. I. COOPER (History)

PROFESSOR J. G. COULSON (Plant Pathology)

PROFESSOR CARLETON CRAIG (Civil Engineering)

PROFESSOR E. W. CRAMPTON (Nutrition)

PROFESSOR W. A. DELONG (Agricultural Chemistry)

PROFESSOR G. L. D'OMBRAIN (Electrical Engineering)

PROFESSOR M. J. DUNBAR (Zoology)

PROFESSOR K. A. C. ELLIOTT (Biochemistry)

PROFESSOR G. A. FERGUSON (Psychology)

PROFESSOR H. N. FIELDHOUSE (History)

PROFESSOR H. G. FILES (English)

PROFESSOR J. S. FOSTER (Physics)

PROFESSOR CHARLES FOX (Mathematics)

PROFESSOR S. B. FROST (Divinity)

PROFESSOR R. D. GIBBS (Botany)
PROFESSOR J. E. GILL (Geology)
PROFESSOR F. K. HARE (Geography)
PROFESSOR D. O HEBB (Psychology)
PROFESSOR JOYCE HEMLOW (English)
PROFESSOR T. G. HENDERSON (Philosophy)
PROFESSOR F. S. HOWES (Electrical Engineering)
PROFESSOR H. H. JASPER (Neurology)
PROFESSOR D. K. KEVAN (Entomology)
PROFESSOR ERIC KIERANS (Economics)
PROFESSOR RAYMOND KLIBANSKY (Philosophy)
PROFESSOR J. E. L. LAUNAY (French)
PROFESSOR C. P. LEBLOND (Anatomy)
PROFESSOR P. F. MCCULLAGH (Classics)
PROFESSOR J. U. MACEWAN (Metallurgy)
PROFESSOR D. L. MACFARLANE (Agricultural Economics)
PROFESSOR F. C. MACINTOSH (Physiology)
PROFESSOR G. C. MCMILLAN (Pathology)
PROFESSOR J. R. MALLORY (Political Science)
PROFESSOR R. B. MALMO (Psychiatry)
PROFESSOR J. S. MARSHALL (Physics)
PROFESSOR K. I. MELVILLE (Pharmacology)
PROFESSOR D. L. MORDELL (Mechanical Engineering)
PROFESSOR D. C. MUNROE (Education)
PROFESSOR H. R. MURRAY (Horticulture)
PROFESSOR R. V. V. NICHOLLS (Chemistry)
PROFESSOR W. F. OLIVER (Physics, Macdonald College)
MR. RICHARD PENNINGTON (University Librarian)
PROFESSOR EUGÈNE PÉPIN (International Air Law)
PROFESSOR J. B. PHILLIPS (Chemical Engineering)
PROFESSOR C. B. PURVES (Chemistry)
PROFESSOR J. H. QUASTEL (Biochemistry)

Professor R. W. Reed (Bacteriology)
Professor H. S. Reiss (German)
Professor Muriel V. Roscoe (Botany)
Professor Aileen Ross (Sociology)
Professor Vernon Ross (Library Science)
Professor H. I. Schiff (Chemistry)
Professor F. R. Scott (Law)
Professor C. E. Smith (Education)
Professor W. C. Smith (Comparative Religion and Islamic Studies)
Professor H. Spence-Sales (Architecture)
Professor John Stanley (Zoology)
Professor H. A. Steppler (Agronomy)
Professor J. S. Stevenson (Geology)
Professor J. W. Stevenson (Bacteriology)
Professor L. G. Stevenson (History of Medicine)
Professor Herbert Tate (Mathematics)
Professor A. Taurins (Chemistry)
Mrs. Alice Turnham (University Museums)
Professor Eleanor H. Venning (Medicine)
Professor R. S. Walker (English)
Professor P. R. Wallace (Mathematics)
Professor D. R. Webster (Experimental Surgery)
Professor E. C. Webster (Psychology)
Professor W. A. Westley (Sociology)
Professor C. A. Winkler (Chemistry)
Professor H. D. Woods (Economics)
Professor G. A. Woonton (Physics)
Professor D. M. Wright (Economics)
Professor Leo Yaffe (Chemistry)
Professor Hans Zassenhaus (Mathematics)

GENERAL STATEMENT

1. The Faculty of Graduate Studies and Research directs and controls courses leading to higher degrees and recommends candidates for these degrees and for certain diplomas. The Dean's office is in the Biology Building, Room 311.

2. The members of the Faculty are appointed annually by the University Committee on Research (see page 2607) from among those members of the staff who are most active in research or in the training of graduate students. Under the University Statutes this Committee is responsible, jointly with the Graduate Faculty, for organizing and coordinating programmes and courses of research. The Dean of the Faculty is Chairman of the Committee.

ADMISSION

3. Advanced courses of instruction are offered to students who are graduates of any university of recognized standing, and who have at least second class honours, or the equivalent of at least second class honours as granted by McGill University, in the subject in which they desire to take their major work. This implies a standing in the upper half of the undergraduate class, at least, and a considerable amount of specialization, for example 36 semester hours of lectures in the subject selected. Admission to these advanced courses does not in itself imply candidacy for a higher degree or diploma. Every student admitted to the Faculty is, however, attached to one or other of the Departments thereof, which is primarily responsible for guiding his studies.

4. The attention of applicants for admission to the Faculty is directed to the Graduate Record Examination (Educational Testing Service, 20 Nassau Street, Princeton, N.J.). This examination consists of a relatively advanced test in the candidate's specialty, and a general test of his attainments in the several basic fields of knowledge, for which no special preparation is required or recommended. It is offered at many centres, including Montreal, several times a year; the entire examination occupies some eight hours, and the total fee does not exceed $12.00. Applicants for admission to the Faculty are not required to take this examination, but those who have done so should submit their records therein; these will receive consideration along with other evidence of the candidate's admissibility. This credential is of especial importance in the case of applicants whose education has been interrupted, or has not led directly towards graduate study in the subject selected. In such cases the Department has the right to refuse to consider applications which do not include a report from the Graduate Record Examination or some similar test; some Departments may require such reports of all applicants.

High standing in this examination will not by itself guarantee admission. The Miller Analogies Test may be used similarly, and is required of applicants for admission in Psychology; enquiries should be directed to the Department of Psychology in the applicant's own university or college.

CLASSES OF STUDENTS

5. (a) Those admitted to the Faculty as regular students studying for a higher degree or diploma are termed "graduate students."

(b) Those students whose academic degrees and standing entitle them to admission to the Graduate Faculty, but who are not sufficiently prepared to undertake graduate study in the subject selected, may with the permission of the Dean and the Department concerned be permitted to take a "qualifying year" of further undergraduate studies. Qualifying students are registered in the Graduate Faculty, but not as candidates for a degree. For registration procedure, see Section 6 (b) and (c); for fees, see Section 10 (a). Completion of the work of the qualifying year does not automatically entitle the student to proceed towards a higher degree. Students who are ineligible for a qualifying year may apply to the appropriate undergraduate Faculty for admission as regular or partial students, and seek admission to the Graduate Faculty at a later date.

(c) Those qualified students who are permitted to take one or more courses in the Graduate Faculty, without intention of proceeding to a degree or diploma awarded by this Faculty, are termed "partial students of the Graduate Faculty". In the same category are included students carrying on research in McGill laboratories, without intention of proceeding to a degree. For fees see Section 20. If graduate partial students subsequently become candidates for higher degrees, they will normally receive academic credit and sometimes deduction of fees for relevant graduate courses taken as partial students. Students who wish to take further undergraduate courses only should register as "partial students" in the undergraduate Faculty concerned, even if they already hold degrees.

(d) "Resident Students" are those who in any given session are attending classes or making use of the university's libraries or laboratories or other facilities, either on a full-time or (see Section 31a) half-time basis; for "Non-resident Students" see Sections 6(e), 10(d), 12, 13 and 44(c).

(e) Regular graduate students taking evening courses required for their degrees *must* register also with the Extension Department, though one fee covers both.

APPLICATION AND REGISTRATION

6. (a) Applications for admission should be made in triplicate on special printed forms which may be obtained at the Dean's office. Applicants

who are not McGill graduates must submit two certified copies of their complete academic record, and are required to ask two instructors familiar with their work to send letters of recommendation to the Dean or to the Department concerned. It is desirable to submit a list of the titles of courses taken in the major subject, since transcripts often give code numbers only. The applicant should also indicate the branch of the major subject in which further training is desired. A passport-type photograph should also be supplied, either with the application or after it has been accepted. The application forms, duly signed, should reach the Dean's office as early as possible and in no case later than September 5th, 1958, after which date a late fee of $5.00 will be charged. If the application is approved by the Dean and the Department concerned, one copy of the form will be returned to the applicant.

The course leading to the M.A. in Education (see p. 2662) normally begins with a Summer School, so that there are different dates for application and registration in this case. Last day for submission of applications in 1958 is June 14th. The school commences on July 2nd., which is also the last day for the submission of sessional registration forms.

(b) Approved candidates must consult the Department or Departments in which they intend to study, with regard to choice of courses and subject of investigation. Formal application for permission to attend the courses selected, and for approval of the subject of investigation, must then be made in triplicate on special Registration Forms obtainable from the Dean's office. Language examinations (Section 52) should be entered on these forms, if required. These forms require the signature of the candidate, of the Chairman or Chairmen of the Departments concerned, and of the Professor appointed to act as director of the candidate's research, and are normally completed in consultation with the Department; students are warned that it may take a day or two to arrange and complete such consultations. The completed forms should be filed in the Dean's office as early as possible, and at the latest by September 19th; after this date a late fee will be charged. Candidates should in any case be prepared to attend the regular courses of instruction, which begin on September 24th.

(c) The registration forms will be scrutinized by the Dean and the Committee on Research, and if approval is given one copy will be returned to the candidate, who must then present it without delay at the Registrar's office. The student will meanwhile attend lectures, etc., on the assumption that his registration will be approved; but will not be given credit for attendance until he has completed registration at the Registrar's office. Candidates must register in this way, and pay their fees not later than October 20th; otherwise the prescribed penalty for late registration and late payment of fees will be enforced.

(d) Candidates whose studies extend over more than one year must register at the Dean's office and at the Registrar's office, as above, at the commencement of each year of their course; if they have not so registered at the beginning of the academic year, they are not eligible to receive their degrees at the following Convocations. This applies also to non-resident candidates working at another institution (see Section 44).

(e) Candidates who have completed their courses and their residence but have not yet completed their theses must register at the offices of both the Dean and the Registrar, and pay a registration fee of $10, if non-resident, or $25 if resident, at the beginning of the session in which they present their theses: unless this is done, the thesis can not be examined and the degree can not be awarded (see Section 13).

(f) In some Departments it is in special cases possible to admit selected candidates at unusual times, for example at the beginning of the second term (January 5th) or at the beginning of the summer.

(g) Regulations concerning application and registration for the diplomas awarded by this Faculty will be found under Electrical Communications (p. 2668) and School Supervision (p. 2664).

DEGREES AND DIPLOMAS

7. Graduate students may proceed to one or other of the following degrees: Master of Library Science (M.L.S.), Master of Architecture (M.Arch.), Master of Science (M.Sc.), Master of Science (Applied), [M.Sc. (Appl.)], Master of Engineering (M.Eng.), Master of Arts (M.A.), Master of Sacred Theology (S.T.M.), Master of Civil Law (M.C.L.), Master of Laws (LL.M.), Doctor of Philosophy (Ph.D.), or to Diplomas in Electrical Engineering or in School Supervision.

COURSES AT MACDONALD COLLEGE

8. (a) Graduate students who are taking the major part of their work at Macdonald College may go into residence there and may take, when required, other graduate courses given at the University.

(b) Students wishing to reside in Macdonald College should send in their application for accommodation to the Registrar, Macdonald College, Que., as soon as possible.

(c) Any fees in connection with courses taken at Macdonald College are payable to the Secretary of Macdonald College.

FELLOWSHIPS, SCHOLARSHIPS, AND MEDALS

9. (a) Details of Fellowships, Scholarships, Bursaries, Medals, and Loan Funds available for graduate students will be found in the Announcement of Scholarships, Bursaries, Prizes, and Medals, obtainable from the Registrar.

The following Graduate Fellowships and Scholarships are offered at McGill University to graduates of other approved institutions:

The University Fellowships, normally of $800 in the Humanities and Social Sciences.

The Arthur C. Tagge Fellowship of $1200 in the Humanities and Social Sciences.

The W. M. Birks Fellowship of $1200 in Theology.

The Bronfman Fellowships of $1200 in Economics and Commerce.

The Alexander Mackenzie Fellowship of $950 in Political Science.

The Union Carbide Fellowships of $1500 in the Natural and Social Sciences.

The Philip Carpenter Fellowship in Zoology.

The Leroy Memorial Fellowship of $700 in Geology.

The Cominco Fellowship of $1000 for research on metals, chemicals, or fertilizers.

The Shell Oil Fellowship of $1200 plus a grant for summer study, in Chemistry, Mechanical Engineering, Geology, or Physics.

The Inco Scholarships of $500 in Chemical Engineering, Mining, Metallurgy, or Geology.

The Aluminium Laboratories Fellowship of $1600 plus fees, in Physical Metallurgy and related subjects.

The T. Sterry Hunt Scholarship of $600, in Chemistry and Chemical Engineering, for holders of a Master's or other higher degree.

The C.I.L Fellowships of $1700 in Chemistry (British subjects).

The Gottesman ($800), American Viscose Corporation ($2000), and Spruce Falls ($1400 plus fees) Fellowships tenable in Pulp and Paper Research.

The Allied Chemical and Dye Corporation Fellowship of $1500 for an unmarried man ($2000 for a married man) plus tuition fees, in Cellulose Chemistry.

The Celanese Fellowship of $1500 in Industrial and Cellulose Chemistry.

The Visking Limited Fellowship of $2250 for research in the Pulp and Paper Research Institute.

The Harold Hibbert Memorial Fellowship of approximately $3000 for postdoctoral research work in Chemistry.

The James Douglas Fellowship in Pathology.

The J. B. Collip Fellowships in Medical Sciences.

The H. W. Molson Fellowship of not less than $1000 for Cancer Research.

The John McCrae Fellowship of $1000 in Experimental Surgery.

Fellowships in Neurology and Neurosurgery.

McGill University Carnegie Arctic Scholarships.

In most cases application should be made to the Dean of the Graduate Faculty prior to May 1st. Details of these awards, and of awards offered by other sources but tenable at McGill, are given in the Scholarships Announcement, obtainable from the Registrar's Office.

Application for the awards made by this Faculty should be made on forms obtainable from the Dean's Office and must be accompanied by application for admission (if this has not already been secured), supported by transcripts, testimonials, etc. Special forms are required for the Bronfman Fellowships and Arctic Scholarships, and inquiries for these should be made before January 31st.

(b) In several Departments graduate students are eligible for demonstratorships and assistantships. Information concerning these may be obtained from the Chairman of the Department concerned.

FEES

The University reserves the right to change any fee without notice.

10. (a) The inclusive fee for a *full time session of resident study* (e.g. a Qualifying Year, the required year for the Master's degree, of the two required years for the M.Sc. (Applied) in Mineral Exploration, or each of the three required years for the Ph.D.) is $500.00. Full-time Assistant and Associate Professors and Lecturers are eligible to apply for a rebate on these fees.

(b) The inclusive fee for a *half-session of full-time study* or for a *session of half-time study* (see Section 31) is $250.00.

(c) The fee for an *additional session of resident study*, beyond the required year for the Master's degree or the three required years for the Ph.D., for students in good standing whether full-time or half-time, is $50.00.

(d) The registration fee for a *session not spent in residence* (see Sections 5d, 6e, 13, and 44) is $10.00.

(e) The additional fee for a degree conferred *in absentia* is $10.00.

(f) Candidates for the M.L.S. are required to contribute $50 to a fund for students' travelling expenses (included in the fee of $500.00).

11. The above fees for resident students are inclusive, and cover tuition, graduation, the use of laboratories and libraries, the health service and athletic privileges, and membership in the Postgraduate Students' Society. There is no additional charge for the use of such university facilities as may be available in the summer following the academic session. Additional fees are however charged as set forth below, for special and supplemental examinations, for the re-examination of revised theses, for the repetition of uncompleted courses, and for late registration, etc. Any student taking a lecture course or doing laboratory work, or receiving regular guidance or consultation from any member of the staff, is considered to be in residence. He must register and pay fees as above. For payment by instalments, see Section 21.

12. A Ph.D. candidate permitted to spend either the Second or the Third year of his course at an approved institution elsewhere (see Section 44c) must register at the Dean's office and with the Registrar at McGill as a non-resident student, and pay a fee of $10.00.

13. (a) A student who has completed his courses and his residence but has not completed his thesis must register at the Dean's office and with the Registrar, and pay a registration fee of $10, at the beginning of the session in which he intends to present his thesis, whether for the Spring or the Fall Convocation. Such a student is not considered to be in residence, and the $10 fee does not give the student access to the libraries or laboratories, nor health and athletic privileges, nor membership in the Postgraduate Students' Society. If the student does not fulfil his intention to present his thesis, the fee is not returned and can not be transferred to any subsequent session.

(b) Registration is also required when a student has completed all requirements except for one or more examinations. The fee in this case will be $10.00 (non-resident) or $50.00 (resident), in addition to any fees due for special examinations (Sections 16, 17).

14. There is no fee for any degree granted *honoris causa*.

15. (a) A candidate whose thesis is judged unsatisfactory by the examiners may present a revised thesis once again, for a subsequent Convocation, upon payment of the following fees:

Master's degree	$20.00
Ph.D. degree	35.00

(b) A registration fee of $10.00 (see Section 13) is also payable if a new session of non-resident study is entered; if the student remains in residence for an additional session, the fee of $50 (see Section 10c) will be charged instead of the registration fee, and in addition to the re-examination fee.

16. Fees for supplemental examinations, granted under special circumstances by permission of the Dean on the recommendation of the Department, are payable in advance at $10.00 per paper. A student who has failed in any required course and does not receive permission to attempt a supplemental examination must retire from the Faculty. Only under exceptional circumstances may permission be granted by the Dean, on the recommendation of the Department, for the student to repeat any such course. In such a case the student must pay the fee required of partial students for the course in question (see Section 20) in addition to fees applicable under Sections 10 and 15, but does not pay for supplemental examinations.

17. There is no fee for the language examinations for Ph.D. students (see Section 52) when these are first taken. A fee of $5.00 is however charged when these examinations are retaken after a previous failure.

18. French Summer School students who are proceeding to the M.A. degree are liable for the regular fee of $500 for the M.A. course but are remitted $122.50 of this for each Summer Session they have attended in the advanced course. At the end of the second Summer Session they are required to apply for and obtain admission to the Faculty of Graduate Studies (see Section 6a), but they do not register therein (Sections 6b, c, d) until the end of the fourth Summer Session; at that time they must register on sessional forms at the Dean's office, as "non-resident students", and pay the balance still owing of the M.A. fee. If the presentation of the thesis is postponed beyond the September one year after this registration, they will pay an additional registration fee of $10.00 at the beginning of the session in which the thesis is to be presented. Students who have completed four Summer Sessions in French (or the equivalent) are excused the *in absentia* fee (see Section 10e) when they obtain an M.A. degree.

19. Students permitted to work for the High School Diploma and for the M.A. concurrently, spreading the work for the M.A. over two years, pay the fee for the Diploma course in the first and the normal fee of $500.00 for the M.A. degree in the second of these years.

20. The normal fee for "partial students of the Graduate Faculty" as defined in Section 5b is $115.00 to $125.00 per full course; special fees may be required for certain laboratory courses. A partial student carrying on research in McGill laboratories, but not taking courses, will normally pay $115.00 to $125.00 per session. Partial students must also pay the Grounds Fee of $5.00 and, if taking three or more full courses, the Health Service fee of $7.00 and Student's Activities fee of $5.00.

21. Fees are due and payable at the Accounting Office on or before October 20th. If paid by instalments the second instalment is due on January 15th. An additional $5.00 is charged for payment by instalments. An additional $2.00 is charged for payment after the specified dates.

22. Immediately after October 20th a list of students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students cannot be re-admitted to any class until instructions have been received from the Chief Accountant that the fees have been paid.

23. Late fees are charged as follows:

Application forms, after September 5th.....	$5.00
Registration at Dean's Office, after September 19th.....	5.00
Registration at Registrar's Office, after October 20th.....	5.00
Payment of fees, after October 20th.....	2.00

24. All resident students with the exception of those at Macdonald College, are entitled to the following health and athletic privileges:

(a) Medical examination (compulsory); daily consultation service and hospital treatment, as furnished to undergraduates.

(b) Tennis privileges during the session and summer privileges on the same basis as undergraduates (Present summer fee $10.00).

(c) Opportunities for exercise with various athletic clubs and eligibility for intercollegiate and other teams.

(d) A regular student's identification card, carrying admission to all McGill home games, may be purchased for $5.00.

25. At Macdonald College, graduate students are entitled to medical attendance, major operations excepted, on the same basis as other students. Graduate students at Macdonald College are entitled to participate in the activities of the various organizations under the Students' Council and to have one representative on the Students' Council.

26. All resident students of the Faculty of Graduate Studies and Research are members of the Postgraduate Students' Society.

27. All fees are payable in Canadian currency.

RESEARCH ASSOCIATES

28. This title is intended to provide recognition and status on the University records for investigators who are neither candidates for a degree nor members of the staff of McGill University, but are attached temporarily to a department on the ground that their assistance is required in the interests of a current programme of research.

29. A Research Associate will normally hold the Ph.D. degree or an equivalent qualification.

30. Any money grant which a Research Associate may receive must be either from McGill University or from some other institution promoting the advancement of learning, and must be paid solely for the furtherance of the research that he is pursuing and not for instruction or demonstration. A Research Associate may, however, with the permission of the Faculty, act as a director of research for graduate students associated with him.

GENERAL RULES CONCERNING HIGHER DEGREES

31. (a) A graduate student is expected to devote his full time to his courses, reading, and research in each session counted towards completion of residence requirements. Members of the teaching staff of the University who are also students in the Graduate Faculty and who give more than three hours of lecturing or six hours of conference work or twelve hours of supervisory work in laboratories and allied services per week, and other students doing an equivalent amount of additional work inside or outside the University, may not obtain the Master's degree in one year, and will require at least four years for the Ph.D. At least one of the years required for either degree must be spread over two sessions, in each of which such students will be registered as *half-time* workers and will pay a fee of $250.00.

(b) No full-time student registered in any professional Faculty of the University may register for a graduate degree or for a qualifying year without the special permission of both Faculties.

(c) Students assisted by the Department of Veterans' Affairs are not considered to be "full-time" if they are giving more than nine hours per week to demonstrating and similar services.

(d) A degree is granted in the Faculty of Graduate Studies essentially for work in one subject, known as the student's *major subject*. Certain allied or "cognate" courses in other subjects may be permitted or required; these must be entered on the sessional registration form, which must show whether the courses are to be taken for credit, including examination, or merely attended, and which must be signed by the Chairmen of the Departments concerned.

(e) There is no fixed number of course credits required for these degrees. The Department concerned will rather examine the applicant's previous training, undergraduate and graduate, and then decide how many of the available courses in the major subject and related fields are still required to bring the candidate to the proper level for the Master's degree or Ph. D. The satisfactory completion of such essential courses and the presentation of an acceptable thesis are two separate requirements which must be separately met. Due account will be taken of all relevant courses passed at any recognized University or College

(f) A candidate with a given higher degree may be permitted to proceed to a second degree of the same kind, but in another subject, provided that the usual requirements for the degree are entirely fulfilled and approved as usual by the Department concerned. In the computation of fees for such second degree, no account will be taken of the student's previous registration in the Graduate Faculty.

CLASSIFICATION OF MARKS

32. 100-80%.....First Class
79-65%.....Second Class
Below 65%.....Failure

This classification applies also to students taking a Qualifying Year.

Students who obtain marks between 50 and 64% in courses not required for the degree sought may, on recommendation of the major Department, be recorded as having "passed at the undergraduate level."

Students who have failed in required examinations are permitted to write supplemental examinations only on the recommendation of the major Department and with the permission of the Dean (see Section 16.)

THE MASTER'S DEGREE

33. (a) **Normal Procedure for the Master's Degree.**

At least one full session or two half-sessions of resident study at McGill University is required for a Master's degree; this is a minimum requirement, and it will usually be found impossible to complete the work for the degree within this time; the M.Sc. (Applied), the M.A. in Islamic Studies, the M.Arch. in Community Planning, and the LL.M. cannot be completed within one academic session, and the M.A. in Education requires participation in two Summer Schools as well as in a part-time winter session. Residence credit is not given for work done during the summer vacation, either at McGill (save in the French Summer School and in Education) or elsewhere; the majority of graduate students find it necessary, however, to devote the greater part of their summers to work upon the thesis problem. The procedure to be followed in applying for admission and in completing registration is described above (Section 6). The candidate is required to pass the examinations in the courses which have been indicated to him by the Department and which are recorded on his approved registration form (except such courses as are marked "not for examination") and he may also be required to pass a general examination in his major subject; the marks or classes he obtains in these examinations are part of his qualifications for the degree. The candidate must also present a thesis on some topic connected with his major subject, except in the case of the Master of Science (Applied). The title of the thesis may be entered upon the registration form, and if not decided at that date must be subsequently submitted, in writing, to the Chairman of the Department concerned and to the Dean for formal approval at least four months before the thesis is handed in. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style. *For further regulations regarding theses, see Section 59, 60, and 61.*

(b) Candidates who intend to proceed later to the Doctor's degree should note the language requirements (Section 52) and are strongly advised to take the examination in at least one language while working for the Master's degree.

34. **Special Concessions for Civil Servants.**

With regard to the M.Sc. and M.Eng. (which may be the First year of the Ph.D. course), the following concessions are approved:

(a) Candidates for the degrees of M.Sc. or M.Eng. who are graduates of McGill University and have had two or more years' experience in a Government Department, performing as their main duty work of the

same type as that proposed for research, may, on recommendation of a Department and with the approval of the Faculty, have their residence requirements reduced to one half-session only. It is understood that these candidates must take the usual final examination in all subjects required. The full sessional fee is payable.

No special concessions can be made to Civil Servants who are graduates of universities other than McGill.

(b) A Government laboratory may be approved by the Faculty as a research institution (see Section 44c).

35. The Degree of Master of Arts.

(a) Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Arts is provided in the following Departments of study, which rank as "subjects":

Classics	History
Comparative Religion	Islamic Studies
Economics and Political Science	Mathematics
Education	Philosophy
English Language and Literature	Physics
French Language and Literature	Psychology
Geography	Sociology and
German	Anthropology

Studies in other subjects, including sciences and certain theological studies (see p. 2654), may be undertaken as cognate courses only, and only with the permission of the Departments concerned.

(b) Candidates must hold the degree of B.A. They must have obtained at least a second class in an Honours course at McGill University, or its equivalent elsewhere, in the subject or subjects which they propose to study.

(c) The degree of Master of Social Work is administered by the Faculty of Arts and Science; enquiries should be addressed to the Director of the School of Social Work.

36. The Degree of Master of Science.

(a) Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Science is provided in the following Departments of study:

Agricultural Bacteriology
Agricultural Chemistry
Agronomy
Anatomy
Bacteriology and Immunology
Biochemistry
Botany
Chemistry
Electrical Communications
Entomology
Experimental Medicine
Experimental Surgery
Genetics
Geography
Geological Sciences
Horticulture
Investigative Medicine
Mathematics
Metallurgy
Meteorology
Neurology and Neurosurgery
Nutrition
Parasitology
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Poultry Husbandry
Psychiatry
Psychology
Zoology

(b) Candidates must hold a Bachelor's degree with at least second class in an Honours course at McGill University, or its equivalent. Candidates with an M.D. degree must have attained high standing.

37. **The Degree of Master of Engineering.**

(a) Instruction for the degree of Master of Engineering is given in the following Departments of study, which rank as "subjects," in which definite courses may be selected:

Chemical Engineering
Civil Engineering
Electrical Engineering
Mechanical Engineering
Metallurgical Engineering
Mining Engineering

(b) Candidates must hold the degree of Bachelor of Engineering, or an equivalent degree, and their undergraduate academic rank must, in general, be equivalent to high second-class standing.

(c) The establishment of the degree of Master of Engineering does not prevent a properly qualified holder of the degree of Bachelor of Engineering, or the equivalent, from proceeding to the degree of Master of Science in pure science.

38. The Degree of Master of Architecture.

(a) Instruction for the degree of Master of Architecture is given in the following Departments of study, which rank as "subjects."

Architectural Design
Community Planning
Housing

(b) Candidates must hold the degree of Bachelor of Architecture or an equivalent degree, and their undergraduate rank must, in general, be equivalent to high second-class standing.

(c) One only of the above subjects may be taken.

Each candidate is required to take at least one course in his subject involving at least one year of resident study; in the Community Planning option requirements can not be completed in one year.

In addition he is required to meet in personal conference at least once a week the professor under whose supervision he is preparing his thesis.

39. Master's Degrees in Law.

(a) Instruction leading to the degree of Master of Civil Law (M.C.L.) is offered in the following departments of study:

Roman Law
Civil Law
Commercial and Maritime Law
Public Law, including International Law

At least one session of full-time resident study, or its equivalent, is required; this includes the passing of one or more courses and the preparation, under supervision, of an acceptable thesis.

(b) The degree of Master of Laws (LL.M.) is offered in the Institute of International Air Law only. The curriculum involves one full-time session of resident study including prescribed and elective courses; students whose work has been found satisfactory will be permitted to complete requirements for the degree by submitting an acceptable dissertation in a subsequent session, which need not be spent in residence.

(c) Applicants for admission to candidacy for the M.C.L. or LL.M. must hold an acceptable degree in Law or equivalent qualifications. For further particulars see page 2705, or consult the Secretary of the Faculty of Law.

40. The Degree of Master of Commerce.

(a) This degree is at present suspended pending reconsideration.

41. The Degree of Master of Library Science.

The candidate must hold the degree of Bachelor of Library Science, or an equivalent degree, from an accredited Library School approved by McGill University. This degree must represent a fifth year of academic study in which the candidate has obtained at least a B average. Competence to undertake graduate study must have been demonstrated and at least two years of professional library experience is required. He must show evidence of a reading knowledge of at least one language other than English before the degree is granted. The French language is recommended but another language may be accepted if appropriate to the work which the candidate intends to undertake. If courses taken previously by the candidate are considered inadequate for the graduate courses offered he may be required to undertake some additional courses in the Library School or elsewhere in the University.

Candidates should notify the Director of the Library School of their intention to follow the course leading to the M.L.S. degree as early as possible, preferably before August 1st. Formal application to the Faculty of Graduate Studies and Research should be made before September 5th.

42. Master's Degree in Theology.

(a) Applicants for admission to the course leading to the degree of *Sanctæ Theologiæ Magister* (S.T.M.) must hold the B.A. degree and the degree of B.D., or its equivalent, from a recognized university, college, or seminary. They must have sufficiently high academic standing and adequate preliminary training, including a knowledge of the requisite ancient or modern languages, for higher studies in the field selected. The M.A. is offered as well as the S.T.M., in the field of Comparative Religion, which is therefore open to other qualified applicants who do not hold the B.D. or equivalent.

(b) Candidates must undertake full-time resident study at McGill University for at least one academic session or two half-sessions, during which they will prepare for the examinations in the courses to which they are assigned. A thesis on an approved subject within the major field selected is a further requirement for the degree. For further particulars see page 2654.

43. Master's Degree in Science (Applied).

The degree of Master of Science (Applied) was established in 1949 to permit approved Departments to offer postgraduate training of a professional and vocational character, with less emphasis on theoretical knowledge and research than in other degrees of this Faculty but with no lower standards either for admission or for completion of requirements. Curricula of this type are at present available only in

the Departments of Psychology and Geological Sciences (Mineral Exploration), whose statements herein should be consulted, and lead to the degree of Master of Science (Applied) [M.Sc.(Appl.)]. (See pages 2695 & 2745.)

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

44. (a) Candidates for the degree of Doctor of Philosophy must hold the degree of B.A. with Honours, or B.Sc. with Honours, or B.Eng. or B.Com., or B.Sc. (Agr.) or M.D., with at least good second-class standing in each case, from McGill University, or some equivalent qualification.

(b) Many Departments will require candidates who do not already hold an appropriate Master's degree to register for the M.A. or M.Sc. rather than for the Ph.D. direct; but may later recommend to the Committee on Research that candidates of undoubted promise should be allowed to proceed directly towards the Ph.D. without being required to submit a Master's thesis; in other cases, permission to proceed towards the Ph.D. may depend on the standing obtained in the Master's degree.

(c) Candidates must follow a course of at least three years' resident study at a University or other institution of higher learning or research; this is a minimum requirement, and there is no guarantee that the work for the degree can be completed in this time. Two at least of these years must be spent at McGill University, and these should if possible include the final year. Departments may permit or require candidates to spend one session at another institution approved by the Committee on Research (for fees, etc., see Section 12); it is understood that this session must be one of full-time study, and that the institution selected must be able to provide expert supervision and facilities for research appropriate to the candidate, in the field selected. Candidates are therefore required to submit a programme of the work projected and particulars of the institution selected, for approval by the Committee, before undertaking any such period of study apart. They must register at McGill as non-resident students; and the Committee may require reports on progress from time to time or at the end of the period for which credit is claimed. The Faculty may make special exceptions to these general regulations concerning residence; it may permit McGill graduates, for example, to spend two years in study apart at approved institutions and to reside at McGill for the final year only. Residence credit is not granted for work done during the summer vacations, either at McGill or elsewhere; but it is the custom for candidates to spend the greater part of each summer in work upon the thesis problem, and those who do not do so are unlikely to

complete a satisfactory thesis in the prescribed minimum time; in certain subjects, *e.g.* in Agricultural sciences, summer researches are indispensable.

45. A student who has obtained his Master's degree at McGill University or at an approved institution elsewhere, and is proceeding in the same subject to a Ph.D. may, on recommendation of the Department, be permitted to count the work done for the former as the first year of his resident study for the Doctor's degree (see Section 44). The attention of students seeking admission on this basis is drawn to the language requirements (Section 52d), for which they are advised to prepare themselves in advance.

46. Candidates must select one major subject (see Section 31d). Courses leading to the degree of Doctor of Philosophy are offered in the following as major subjects:

Agricultural Bacteriology
Agricultural Chemistry
Anatomy
Bacteriology and Immunology
Biochemistry
Botany
Geography
Geological Sciences
History
Investigative Medicine
Mathematics
Meteorology
Neurology and Neurosurgery
Parasitology
Chemistry
Economics and Political Science
Electrical Engineering
Entomology
Experimental Medicine
Genetics
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Psychology
Zoology

47. In special cases, other Departments may be authorized to provide courses which will lead to this degree. Candidates desiring to proceed to the degree of Doctor of Philosophy in Departments other than those mentioned above should, therefore, make direct application to the Dean of Graduate Studies and Research, asking whether courses in such subjects can be provided.

48. The course of study which the candidate desires to follow must, before he enters upon it, have been submitted to the Chairmen of the several Departments concerned and have received their approval (see Section 6b).

49. **Preliminary Examination.** The first two years include instruction, training and direction in the candidate's field of study, with the object of giving him a knowledge of his particular subject and its relation to cognate branches of learning and of preparing him for independent investigation. The candidate's preliminary examination is held at the end of the second year, unless otherwise specified by Departmental regulations approved by the Faculty. This examination covers all graduate work previously taken by the candidate, including his prescribed reading, and may also include any work fundamental thereto. The candidate must show that he possesses a good general knowledge of the whole science or branch of learning which he has selected as his major subject. The examination may be written or oral or both. The result of this examination determines whether the candidate is allowed to proceed to his degree. The final year is devoted chiefly to the preparation of the thesis, the research for which is normally begun in the first year.

50. The candidate is also required to pass the examinations in the courses indicated by the Department, and recorded on his approved registration form, unless they have been marked "not for examination."

51. After the thesis has been received and approved, a final oral examination on the subject of the thesis and subjects more intimately related to it is held. This is conducted in the presence of a Committee of at least four members approved by the Faculty of Graduate Studies.

52. (a) Every candidate must satisfy the Faculty of Graduate Studies and Research that he has a reading knowledge of French and German; candidates may, however, seek the permission of the Dean to substitute another language for either French or German. The Departments of Agronomy, Parasitology, and Psychology may however require students to concentrate upon *one* foreign language, to be taken at a more advanced level.

(b) The candidate's major Department will select German passages for translation, typical of the subject, and will make arrangements for the examination. The Department of German must approve the passages selected, and will correct the translations and decide whether the candidate has fulfilled the requirements; it may also require any candidate to appear for oral examination. The Department of French will set and conduct its examinations.

(c) The examination in German 500 may be written in the first two weeks of December; other dates may be arranged on recommendation of the Department to the Dean. Examinations in French 500 will normally be held the first week in December, the first week in May, and the first

week in September. Application should be made to the Dean's Office. A student will not ordinarily be permitted to attempt any language examination on more than two occasions in any one calendar year. There is no fee for these examinations when they are first taken. A fee of $5.00 is however charged when these examinations are taken after a previous failure (see Section 17).

(d) Candidates are expected to take at least one language examination in the First year of the Ph.D. course, and the other not later than the Second year. Sessional registration forms (Section 6b) must indicate the student's intentions in this respect. Students admitted to the Second year of the Ph.D. course (Section 45) must discharge their language requirements as early as possible. Sessional registration forms which do not comply with these requirements may be rejected.

(e) The Department of German offers a course open to candidates for the Ph.D. degree and designed to help them to acquire the necessary reading knowledge of the language: two hours per week, Monday and Friday at 12 (See page 2697).

53. **Thesis.**

(a) The thesis for the Ph.D. degree must display original scholarship expressed in satisfactory literary form and be a distinct contribution to knowledge. The subject of this thesis must have been approved, in writing, by the Chairman of the Department in which the major subject is taken, and also by the Committee on Research, at least twelve months before the date of the final examination; the exact title may be decided later (Section 59d).

(b) Three copies of the thesis must be provided by the candidate; some Departments may require one or more additional copies.

(c) The regulations concerning theses are stated in Sections 59, 60, and 61.

54. Special regulations for the Ph.D. in Economics are stated on page 2660, in History on page 2698, and in Entomology on page 2674.

REGULATIONS CONCERNING THESES

59. (a) In the case of students who wish to graduate at the Spring Convocation, all theses for a Master's degree must be handed to the Dean of the Faculty of Graduate Studies and Research not later than April 21st, 1959.

(b) All theses for the degree of Ph.D. must be in the hands of the Dean not later than April 13th, 1959.

(c) The theses of students who wish to graduate with a Master's degree at the Fall Convocation must be in the hands of the Dean of the Faculty of Graduate Studies and Research not later than August 26th, 1958.

(d) The theses of students who wish to graduate as Doctors of Philosophy at the Spring Convocation must be in the hands of the Dean not later than April 13th, 1959. The Ph.D. will not be conferred at the Fall Convocation, save in certain special cases defined below. Ph.D. theses, provided that their titles have been approved by the Department and submitted to the Dean at least four months earlier, may, however, be handed in to the Dean's office at any time. The Dean will then submit the thesis to the examiners, and the final oral examination will be held at the first convenient time after the examiners have reported; this will ordinarily be about one month after the submission of the thesis, but from June to September (inclusive) two months or more may be required. Candidates are advised to give the Dean's office one or two weeks notice of their intention to submit the thesis; this will lessen the risk of delay. If all other requirements have been met, the examiners' reports are favourable, and the final oral examination is passed, the Dean will issue a certificate stating that all requirements for the degree have been completed and that, subject to the concurrence of Faculty and Senate, the degree will be conferred at the next Spring Convocation.

In all other cases, eligible candidates who have not received the degree at the Spring Convocation *must* register for the following session. If the student has completed *all* requirements, including the final oral, before that following session commences in mid-September, no fee will be required; in all other cases a fee of $10 (non-resident) or $50 (resident) will be charged. Such students should also remember the $10 fee for graduation *in absentia*.

The Ph.D. degree will be conferred at the Fall Convocation only in the following cases: (i) on candidates who had completed all requirements in time for the preceding Spring Convocation, but were prevented from graduating by illness or family misfortune; (ii) on students who, having completed all other requirements in time for the preceding Spring Convocation, had one required examination outstanding, and who subsequently pass this examination not later than September 15th; (iii) on students who, having completed all other requirements (including the final oral examination) in time for the preceding Spring Convocation, have had their theses returned for minor or typographical corrections, and have been permitted to resubmit a revised form; provided that the revised thesis is resubmitted not later than June 30th and is found to be acceptable.

(e) The title of the thesis, as approved by the Department, must be submitted for approval by the Committee on Research at least four months before the thesis is handed in. The Dean may subsequently permit minor changes in the wording of the title.

60. All theses submitted by successful candidates for higher degrees are bound and placed in the Library. Candidates for such degrees are therefore advised that the Faculty of Graduate Studies and Research requires theses to be prepared in accordance with the following specifications:

(a) Theses must be typewritten and in triplicate. Ultimately one copy is deposited in the McGill Library, one in the Departmental Library, and one is returned to the candidate.

(b) The left-hand margin must have a uniform width of not less than 1½ inches; this rule also applies to diagrams, etc. Drawings, maps, plates, etc., if larger than the prescribed page, may be folded and subsequently bound in only if the flap is not larger than 7 x 11 inches. Larger drawings, maps, etc., must be folded down to not more than 7 x 10 inches, so that they may be placed in pockets in binding.

(c) The paper must be of a good bond grade, and is to be of uniform size, 8½ x 11 inches. Theses on inferior grades of paper will not be accepted. This applies to the first two copies.

(d) No binding is necessary, but the loose sheets must be placed, unfolded, in a manila envelope in the order of their pagination. On the outside of each envelope must be written clearly the name of the candidate, full title of thesis, degree, date, and Copy I, II, or III. Students are also asked to suggest a short title of not more than 55 letters (excluding their surname) for the lettering along the back of the bound copy.

(e) Copies of the thesis must be double-spaced and free from typographical and other errors, otherwise they will be returned to the candidate for revision, with consequent delay in the granting of the degree.

(f) Every thesis should have a sufficient table of contents and a thorough bibliography on the subject. Scientific theses should also contain an introductory historical statement of previous work or investigation, and a summary. In the case of the Ph.D. degree, there should be a clear statement of the claim of original work or contribution to knowledge made by the author.

(g) The candidate is required to declare, generally in the preface and specifically in the text of the thesis, the extent to which assistance has been given by members of the staff, fellow-students, technicians, or

others, in the collection of material, the design and construction of apparatus, the performance of experiments, and the preparation of the thesis in general. This regulation does not apply to the normal supervision and advice given by the director of the candidate's research.

(h) If a thesis is rejected it cannot be submitted again, in a revised form, more than once (see Section 15).

(i) Unless there is a specific arrangement to the contrary, the candidate must understand that the University Library is free to allow the thesis to be consulted or borrowed, or to be issued in whole or in part in photostat or microfilm form.

SUMMARIES OR ABSTRACTS OF THESES

61. Three copies of a statement or abstract must also be presented, on a separate sheet, giving the author, title of thesis, and a summary not exceeding 150 words. One copy should be placed in each envelope, and the rules above as to format, margins, etc., will apply.

DEPARTMENT OF AGRICULTURAL BACTERIOLOGY

(Macdonald College)

Professor A. C. BLACKWOOD, *Chairman*

Associate Professor

Lecturer R. KNOWLES

Adequate laboratory and library facilities are available for courses leading to higher degrees, and for research. Candidates for the higher degree must meet the course requirements satisfactorily but are judged principally for their ability in research. Normally in this department the research problem will be on microbial physiology or on microbiological aspects of soil or food.

COURSES FOR HIGHER DEGREES

60. PHYSIOLOGY OF MICROORGANISMS (2 hours) *Professor Blackwood*

61. SOIL MICROBIOLOGY (2 hours) *Dr. Knowles*

62. FOOD MICROBIOLOGY (2 hours)

63. GRADUATE SEMINAR (1 hour) *Staff*

All graduate students are required to present seminars on selected topics and to prepare and discuss reports from the current literature.

REQUIREMENTS FOR DEGREE OF MASTER OF SCIENCE

1. Candidates are required to have the B.Sc. (Agr.) degree with high standing, or its equivalent with sufficient training in the subjects of the courses chosen for the higher degree. Students who lack such training must take the required courses of the final undergraduate year as well as courses in such other subjects as the department may require.

2. To fulfil minimum requirements candidates must take courses 60 and 63 and either 61 or 62.

3. A satisfactory thesis based on the candidate's research must be presented.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates must demonstrate that they possess sound critical ability and capacity for research; they will be required to participate in the Graduate Seminar and may be required to take courses in other departments in cognate subjects.

DEPARTMENT OF AGRICULTURAL CHEMISTRY

(Macdonald College)

Professors R. H. COMMON, *Chairman*
W. A. DELONG
H. G. DION

Assistant Professors B. E. BAKER
P. A. ANASTASSIADIS

Lecturer G. O. HENNEBERRY

The Department works in close liaison with the Department of Physics, Macdonald College, and laboratory facilities for research thus include equipment for the use of radioactive tracers, X-ray spectrophotometry, differential thermal analysis, flame photometry, petrological microscopy of soils, electron microscopy, and mass spectrometry.

COURSES FOR HIGHER DEGREES

60. CHEMISTRY OF SOILS

2 lectures per week, second term. *Professor DeLong*

61. PLANT BIOCHEMISTRY

2 lectures per week, second term. *Professor DeLong*

(*Not given in 1958-59.*)

451 and 452. CHEMISTRY OF FOOD AND FEEDING STUFFS AND ADVANCED FOOD ANALYSIS

2 lectures per week, both terms. *Professor Common*

63. INDUSTRIAL UTILIZATION OF FARM PRODUCTS

2 lectures per week, second term *Professors Common and Baker*

Special laboratory work (three hours per week) may be required in any of these courses.

REQUIREMENTS FOR THE MASTER'S DEGREE

1. Candidates are required to have the B.Sc. (Agr.) degree with honours standing, or an equivalent qualification. Students holding a B.Sc. degree may be accepted if they have taken appropriate undergraduate work in chemistry with sufficient biology; otherwise a qualifying year will be required.

2. Candidates for the Master's degree are required to take the examinations in two of the courses for higher degrees given in the Department.

3. Candidates may be required to take the examination in one of the cognate courses listed below:

At Macdonald College:

Either Experimentation (Department of Agronomy, Course 60) *or* Advanced Biophysics (Department of Physics, Course A).

At McGill University in Montreal:

Advanced Organic Chemistry (Department of Chemistry, Course A).

Advanced Physical Chemistry (Department of Chemistry, Course 44), Thermodynamics (Department of Chemistry, Course 35).

Cellulose, Lignin and Related Compounds (Department of Chemistry. Course L).

Protein Physical Chemistry (Department of Biochemistry, Course 44b).

Metabolism (Department of Biochemistry, Course 45).

REQUIREMENT FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates will be judged principally by their ability in research. Special arrangements for course work will be made with the McGill Departments of Chemistry and Biochemistry.

DEPARTMENT OF AGRONOMY

(Macdonald College)

Professors	H. A. Steppler, *Chairman* L. C. Raymond
Associate Professor	R. I. Brawn
Assistant Professor	H. R. Klinck
Lecturer	J. S. Bubar

This Department is primarily concerned with crop breeding but, in addition, undertakes considerable research in various phases of crop production. All of the necessary equipment for such a program is available, including greenhouse space and adequate library facilities.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who take Agronomy as a major subject must have had a good training and achieved high standing in Agronomy, Botany, Chemistry and Genetics. Those who have not had adequate training in these subjects will be required to take such courses as may be needed to rectify the deficiency.

To fulfil the minimum requirements, candidates are required to take courses 60 and 64 and at least two of the other courses listed below. One or at most two additional courses may be required in cognate subjects.

Shortly after registration a research problem is chosen, the results being presented as a thesis at the conclusion of the candidate's period of study. Since the research usually requires the growing of plants in the field, summer work — in addition to the academic sessions — is normally demanded. It is seldom possible to meet the full requirements in less than a year and one half, and frequently two full years will be required.

COURSES OFFERED

60. STATISTICAL METHODS

First term: 2 laboratory periods.

Second term: 2 lectures and 1 laboratory. *Professor Steppler*

Prerequisite: Math. 31 (Macdonald College) or its equivalent.

61. HAY AND PASTURE CROPS

2 lectures and 2 laboratory periods for 1 term.

Professor Steppler and Dr. Bubar

62. CORN AND ROOT CROPS

2 lectures and 2 laboratory periods for 1 term. *Professor Brawn*

63. GRAIN CROPS

3 lectures and 3 laboratory periods for 1 term. *Professor Klinck*

64. SEMINAR

Weekly meetings—each student will present at least one seminar per term.

Professor Steppler and Staff

DEPARTMENT OF ANATOMY

Professors	C. P. LEBLOND, *Chairman* C. P. MARTIN
Associate Professors	S. M. BANFILL J. LANGMAN
Assistant Professor	Y. CLERMNOT
Research Associate, Demonstrator	H. ISLER
Lecturers	E. W. WORKMAN L. HELLER I. SMART
Teaching Fellows	W. KENT N. J. NADLER

The department offers facilities for research work leading to the degrees of Master of Science and Doctor of Philosophy in Anatomy. The emphasis may be on Microscopic or Gross Anatomy or Embryology.

For registration as a graduate student, the candidate must hold a B.Sc. or M.D. degree or any equivalent degree, as judged by the Faculty, and must have displayed general proficiency in biological studies.

For the M.Sc. and Ph.D. degrees, the students must demonstrate the ability to conduct original research and complete a series of courses with high standing. In addition to the preparation of a thesis based on original research, Ph.D. candidates will write a comprehensive examination after the end of the Second year.

When the emphasis is on Gross Anatomy or Embryology, the students will take 1 (Gross Anatomy), 2A (Neuro-Anatomy), 7 (Experimental Morphology) and 8 (Embryology). Ph.D. candidates will be required to take courses such as 4 (Advanced Neuro-Anatomy) and 6 (Histology) and to extend their knowledge of Anatomy at an advanced level, including the use of technical procedures.

When the emphasis is on Microscopic Anatomy, students will take 6 (Histology), 7 (Experimental Morphology) and 8 (Embryology). Candidates for the Ph.D. degree will be required to take courses such as 1 (Gross Anatomy), 2 (Neuro-Anatomy), General Pathology and Advanced Endocrinology.

ADVANCED AND GRADUATE COURSES

4. ADVANCED NEURO-ANATOMY

2 evenings per week, first term. *Professor F. L. McNaughton (M.N.I.)*

7. EXPERIMENTAL MORPHOLOGY

(a) A seminar on biological problems—1 hour per week.

(b) A practical course on the planning of biological experiments, laboratory animal management and operations, histological and histometrical techniques, tracing methods (Radioisotope measurement by Geiger counter and localization in tissue section by radioautography), microphotography, statistical methods for assessing data, etc.

One hour lecture and 2 hours laboratory per week.

Professor Leblond and Dr. Isler

SCHOOL OF ARCHITECTURE

Professor JOHN BLAND, *Director*

Associate Professor HAROLD SPENCE-SALES

COMMUNITY PLANNING

An interdepartmental Committee of the Faculty of Graduate Studies and Research offers a programme of graduate training for those wishing to specialize in Community Planning. The Committee represents the Departments of Architecture, Economics, Political Science, Geography, Law, Social Work and Sociology. Candidates are required to meet the requirements for the Master's Degree of the departments in which they are registered. In addition candidates are required to attend a Graduate Seminar, Planning Workshop, and other courses that are recommended by the Committee according to the candidates' particular needs.

A number of Fellowships in Community Planning valued at $1,200 are usually offered every year by the Central Mortgage and Housing Corporation, Ottawa, from which particulars can be obtained.

Chairman of the Committee on Physical Planning
Professor H. Spence-Sales

1. SEMINAR IN COMMUNITY PLANNING
   2 hours per week. *Professor Spence-Sales*
2. PLANNING WORKSHOP
   2 hours tutorial and 8 hours problems. *Professor Spence-Sales*

COURSES FOR THE MASTER'S DEGREE IN ARCHITECTURE

1. ARCHITECTURAL DESIGN
   2 hours tutorial and 18 hours problems and report per week.
   Professor Bland
2. HOUSING.
   2 hours tutorial and 18 hours problems and reports. *Professor Bland*
3. Candidates will be required to attend the Seminar in Community Planning and one other course bearing upon their theses.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Professor R. W. REED, *Chairman*

Associate Professors G. G. KALZ
J. W. STEVENSON

Assistant Professors FRITZ BLANK
C. A. BUTAS
K. F. GIRARD
GRACE T. GIRVIN
C. D. KELLY
A. M. MASSON

Lecturers

E. Mankiewicz
B. H. Matheson
O. Morgante
Raissa Silov

GENERAL QUALIFICATIONS FOR ADMISSION

A B.Sc. degree with at least second class Honours in Bacteriology and Immunology, or the degree of M.D.,C.M. with high standing in Bacteriology, Immunology, and Pathology, from McGill University, is required. The equivalent from elsewhere is recognized but this must be supported by confidential letters of recommendation from professors familiar with the candidate's work.

Candidates should forward their applications to the Dean before May 30th. Successful applicants will be notified before June 30th.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who have satisfactorily completed the Honours course in Bacteriology as undergraduates may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department. Others may be required to spend two years in the Faculty of Graduate Studies and Research, the first of which will be taking a Qualifying Course comprising the Honours undergraduate Courses 42, 43b and 44 and such other courses as the Department approves. Candidates taking the Qualifying Course must reach a satisfactory standard in the examination at the end of the year to be permitted to proceed to the second year work. In cases where good and sufficient reason is shown, in terms of equivalent work, the Department may exempt a candidate from the Qualifying Year. Exemption from a Qualifying Year may be gained by attaining second class marks in an Entrance Examination equivalent to the Examination for Honours in Course 42 and 43b. Candidates are required to present one topic for a Seminar and to attend Course 51 and with due approval may attend other courses in the University Departments. The candidate is required to pass a general examination in Bacteriology and Immunology, including subjects dealt with in Course 51, and may be required to pass examinations in courses prescribed by the Department. These examinations together with a thesis on a research problem will determine the award of the Degree in accordance with regulations.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates for the Ph.D. degree are required to have obtained a satisfactory standing in their work for the M.Sc. degree (McGill).

Candidates are required each year to present one topic for a Seminar and attend Course 51 and may be required to attend cognate courses in other Departments. Candidates are required to pass a general examination in Bacteriology and Immunology, but will be judged principally on the ability they display in research.

Candidates will be occupied mainly in original research and the preparation of a thesis in accordance with Faculty regulations.

ADVANCED UNDERGRADUATE COURSES

42. ADVANCED MICROBIOLOGY (one and a half courses). A systematic study of bacteria, viruses and medically important fungi. This class is limited in size and priority is given to honours students in the biological sciences.

Both terms: 3 lectures, 2 three hour laboratory classes.

Prerequisites: Bacteriology 31, Biochemistry 31.

Textbook: Topley & Wilson, Principles of Bacteriology and Immunology, 4th Edition (Arnold) 1956.

43b. IMMUNOLOGY (half course). A study of the fundamental aspects of antigen-antibody reactions and their practical applications.

Second term: One lecture, 2 three hour laboratory classes.

Prerequisites: as for course No. 42.

Textbook: Carpenter, Immunology and Serology (Saunders), 1956.

44. BACTERIOLOGY READING COURSE AND THESIS (full course). Students are required to write a 5,000 word review of the literature on a selected topic. The course is offered only to honours students in Bacteriology.

Prerequisites: as for course No. 42.

GRADUATE COURSES

51. GRADUATE SEMINAR

Lectures and discussions once a week. All graduate students are required to participate.

SPECIAL FACILITIES

The courses given by the Department in the Faculty of Arts and Science and the Faculty of Medicine are available to candidates for the M.Sc. and Ph.D. degrees.

The practice of the Clinical Bacteriology services to the Hospitals is available to candidates as a means of instruction and a source of material for research and study.

DEPARTMENT OF BIOCHEMISTRY

Professors	D. L. THOMSON, *Chairman* J. H. QUASTEL
Associate Professors	O. F. DENSTEDT K. A. C. ELLIOTT
Assistant Professor	P. G. SCHOLEFIELD
Sessional Lecturers	ESAU HOSEIN MARGARET PURVIS

Candidates who have satisfactorily completed the Honours course in Biochemistry as undergraduates may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department; others will usually require a qualifying year. Candidates for the M.Sc. or Ph.D. must pass examinations in Biochemistry, but will be judged principally by the ability they display in research. Candidates for either degree are expected to attend the graduate courses listed below and may, according to their qualifications, be required to take undergraduate courses in Biochemistry or other cognate subjects. Research work will normally be carried on within the Department, where the main projects deal with blood chemistry and with the chemistry and metabolism of steroid hormones, but some students may be permitted to work on enzymology under Dr. Quastel in the McGill Montreal General Hospital Research Institute, or on brain metabolism under Dr. Elliott in the Montreal Neurological Institute, or in the biochemical laboratories of the Allan Memorial Institute of Psychiatry, or in the Division of Immunochemistry and Allergy, Department of Experimental Medicine (see page 2676) or by special arrangement in other laboratories within the University.

ADVANCED UNDERGRADUATE COURSES

32. ENDOCRINOLOGY — *Professor Thomson*
1 hour.

43. ADVANCED BIOCHEMISTRY — *Professor Denstedt*
3 hours.

44a. NUTRITION — *Mrs. Purvis*
3 hours, first term.

44b. PROTEIN PHYSICAL CHEMISTRY — *Professor Thomson*
3 hours, second term.

45. OXIDATION AND METABOLISM — *Professor Quastel and Staff*
2 hours.

GRADUATE COURSES

62 and 63. ADVANCED ENDOCRINOLOGY I AND II.

These alternating courses are given jointly with the Departments of Investigative and Experimental Medicine and Anatomy and others, and in co-operation with the Institute of Experimental Medicine and Surgery of the University of Montreal.

Course 63 deals with nitrogen-containing hormones; course 62 deals with steroid hormones. The latter only will be given in 1958-59.

Texts: Selye, Textbook of Endocrinology; Pincus and Thimann, The Hormones (Academic Press).

71. FIRST GRADUATE SEMINAR

1 hour. *Staff*

72. SECOND GRADUATE SEMINAR

1 hour. *Staff*

73. THIRD GRADUATE SEMINAR

1 hour. *Staff*

Only one of the above seminars can be taken in any one session.

DEPARTMENT OF BOTANY

Professors	MURIEL V. ROSCOE, *Chairman*
	R. D. GIBBS
Associate Professor	C. M. WILSON
Assistant Professors	W. G. BOLL
	G. H. N. TOWERS
Lecturer	P. F. MAYCOCK

Candidates who have satisfactorily completed the Honours course in Botany or its equivalent, if accepted, will enter immediately upon a programme of courses and research leading to either the M.Sc. or Ph.D. degree. (The Honours course in Botany consists of a minimum of six courses in advance of the elementary course, chosen from: Morphology, Taxonomy, Anatomy, Plant Physiology, Mycology, Plant Biochemistry, Genetics, Cytology, Economic Botany, Microtechnique and Morphogenesis with at least one course in Zoology and appropriate courses in Chemistry and Physics.)

Candidates who do not quite meet the requirements as set forth in the Honours Course may be accepted as full graduate students, but may be required to spend not less than two years on work for the M.Sc. degree.

Students with insufficient background to carry graduate work in Botany may enrol for a Qualifying Year and take such work as is prescribed up to a maximum of five full courses.

For the M.Sc. degree, a student must take a minimum of two full courses (or the equivalent in half courses) from those offered below. On the advice of the Director of Research one cognate course may be substituted. He will also carry out his research project and write a thesis. It is possible for well-qualified candidates to present themselves for the M.Sc. degree at the end of one year of graduate work.

For the Ph.D. degree, a student will take such additional courses as are required to round out his general background as well as those which relate to his particular line of specialization. In any case, he must take at least one course not included in his M.Sc. programme. Ph.D. candidates must pass a general examination in Botany and also demonstrate ability in research and preparation of a thesis.

The Department specializes in work bearing on comparative anatomy of vascular plants, morphology of reproduction, embryo-sac studies, carbohydrate and nitrogen metabolism, respiration and photosynthesis, comparative chemistry of plants as related to taxonomy, tree physiology, cytology, life histories of the lower fungi and morphogenesis.

Adequate laboratory and library facilities are available for research.

COURSES FOR HIGHER DEGREES

33. PLANT BIOCHEMISTRY

2 lectures; 2 laboratory periods. *Professors Gibbs and Towers*

(*Not given in 1958-59; given in 1959-60.*)

41. MICROTECHNIQUE

1 lecture; two laboratory periods. *Professor Roscoe*

45. PLANT MORPHOGENESIS (Full course). A survey of the physiological, biochemical, and genetic approaches to the experimental study of plant morphogenesis, including growth correlation, the function of plant hormones and the environmental control of plant development and morphology.

First term: 2 hours lectures and 3 hours laboratory.

Second term: 2 hours lectures and weekly seminar.

Prerequisite: Botany 11a, 11b, 31, and Genetics 21.

(*Given in 1958-59; not given in 1959-60.*) *Professor Boll*

61. ADVANCED PLANT PHYSIOLOGY
2 lectures with laboratory. *Professors Towers and Boll*

63. PLANT ECOLOGY
Lecture, conference, field, and laboratory work. *Professor Maycock*

64. ANATOMY OF REPRODUCTION (Half course)
Lecture, conference, and laboratory work. *Professor Roscoe*

65. ADVANCED MYCOLOGY
Seminar, 2 hours. *Professor Wilson*

66. SPECIAL TOPICS (Full course or half course)
Prescribed reading, conference, and practical work on selected topics within Anatomy, Physiology, Taxonomy, Phytogeography, Ecology, Mycology, Plant Biochemistry, etc. *The Staff*

DEPARTMENT OF CHEMICAL ENGINEERING

Professor J. B. PHILLIPS, *Chairman*
Special Lecturer WILLIAM GAUVIN

61. CHEMICAL ENGINEERING
3 hours. *Professor Gauvin*
Selected topics from flow of fluids, heat transfer, diffusional operations, distillation, etc.; assignment of advanced problems. This course is open only to students who have had a previous course in Unit Operations.

62. MASS AND HEAT TRANSFER TO SMALL PARTICLES. The dynamics, physico-chemical properties, and thermodynamics of small particles. Application of the fundamental principles to the problem of mass and heat transfer in pneumatic transport, fluidization, spray drying and flash drying.
2 hours. *Professor Gauvin*

MASTER'S DEGREE IN CHEMICAL ENGINEERING

Students who hold a Bachelor's degree in Chemical Engineering have the option of studying for the Master of Science degree in Chemistry or the Master of Engineering degree in Chemical Engineering. Students who have completed the latter degree may apply to continue towards the Ph.D. in Chemical Engineering.

The following courses are required for the Master of Engineering degree:

I. Chemical Engineering 61 or 62, with one of the following: Chemistry A, Chemistry 31 and 41, Chemistry 44.

II. One of the following: Chemistry N, Chemistry 35, Physics 34, Chemistry L and 46.

III. Chemical Engineering Colloquium.

IV. Thesis on a Chemical Engineering subject. The experimental work would be in heat transfer, distillation, absorption, extraction, drying, and applied physico-chemical problems.

DEPARTMENT OF CHEMISTRY

Professors	CARL A. WINKLER, *Chairman* C. B. PURVES
Associate Professors	R. K. HOLCOMB J. H. MENNIE R. V. V. NICHOLLS A. S. ROSS H. I. SCHIFF A. TAURINS L. YAFFE
Assistant Professors	J. T. EDWARD M. ONYSZCHUK R. F. ROBERTSON A. SEHON
Research Associates	D. A. I. GORING R. ST. J. MANLEY S. G. MASON W. A. MUELLER A. A. ROBERTSON T. TIMELL

Adequate laboratory and library facilities are available for the courses listed below and for research. The Pulp and Paper Research Institute affords ample facilities for research on the structure and properties of carbohydrates, cellulose, lignin, wood, and pulp and paper.

Any of the following courses may be required of a student who is admitted to the Graduate School if the equivalent has not been taken previously.

31. ATOMIC STRUCTURE AND VALENCE THEORIES
2 hours. *Professors Yaffe and Onyszchuk*

34L. PHYSICAL CHEMISTRY LABORATORY (INTERMEDIATE). Simple physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids, and solutions.

3 hours laboratory. *Professor Ross*

Text: Daniels, Mathews, Williams, Bender and Alberty, Experimental Physical Chemistry, 5th ed. (McGraw-Hill).

Reference Books: Livingston, Physico Chemical Experiments (Macmillan); Palmer, Experimental Physical Chemistry (Cambridge).

35. CHEMICAL THERMODYNAMICS AND ELECTROCHEMISTRY. First and second laws, entropy, free energy, activity and fugacity in ideal and real solutions; Solutions of strong electrolytes. Electrode potentials, electrochemical cells, electrolytic conduction and electrolysis, specific and equivalent conduction, mobility and transport numbers, overvoltage and polarization.

2 hours. *Professor Robertson*

Texts: Klotz, Chemical Thermodynamics (Prentice-Hall); Lewis and Randall, Thermodynamics (McGraw-Hill); Glasstone, Introduction to Electrochemistry (Van Nostrand); MacInnes, The Principles of Electrochemistry (Reinhold).

40. CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS. Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical and mechanical properties; experimental methods for controlling and determining structure of polymers; properties of commercially available materials; methods of fabrication.

1 hour. *Professor Nicholls*

41. INORGANIC CHEMISTRY. Descriptive inorganic chemistry based on the Periodic Table.

2 hours. *Professor Mennie*

42. STEREOCHEMISTRY AND REACTION MECHANISMS. Optical and geometrical isomerism; Walden inversion; steric hindrance; molecular conformation; reaction mechanisms.

2 hours. *Professor Edward*

References: Klyne, Progress in Stereochemistry (Butterworth); Alexander, Ionic Organic Reactions (Wiley); Hines, Physical Organic Chemistry (McGraw-Hill).

42L. ORGANIC QUALITATIVE ANALYSIS LABORATORY. Identification and separation of mixtures of organic compounds.

9 hours laboratory, first term. *Professor Edward*

Laboratory Text: Shriner, Fuson and Curtin, The Systematic Identification of Organic Compounds, 4th ed. 1956 (Wiley).

44. CHEMICAL KINETICS. Rates of homogeneous and heterogeneous reactions; activation energy; theories of reaction mechanisms.

Professor Schon

1 hour.

Texts: Laidler, Chemical Kinetics (McGraw-Hill); Glasstone, Textbook of Physical Chemistry (Van Nostrand).

References: Frost and Pearson, Kinetics and Mechanism (Wiley); Hinshelwood, Kinetics of Chemical Change (Oxford); Trotman-Dickenson, Gas Kinetics (Butterworth).

44L. PHYSICAL CHEMISTRY LABORATORY (ADVANCED). More advanced physicochemical methods applied to equilibria, reaction kinetics, colloids, and electrochemistry.

Professor Ross

6 hours laboratory.

Text: Daniels, Mathews, Williams, Bender and Alberty, Experimental Physical Chemistry, 5th ed. (McGraw-Hill).

Reference Books: Weissberger, Technique of Organic Chemistry, Vol. I, Physical Methods, Vol. IV, Distillation, Vol. VIII, Investigation of Rates and Mechanisms of Reactions (Interscience); Reilly and Rae, Physico-Chemical Methods (Van Nostrand).

45. CHEMICAL THERMODYNAMICS (ADVANCED)

Professor Schiff

2 hours, plus problem class.

Reference Books: Sillén, Lange and Gabrielson, Problems in Physical Chemistry (Prentice-Hall); Lewis and Randall, Thermodynamics (McGraw-Hill); Klotz, Chemical Thermodynamics (Prentice-Hall); Paul, Principles of Chemical Thermodynamics (McGraw-Hill); Dole, Introduction to Statistical Thermodynamics (Prentice-Hall).

46. COLLOID CHEMISTRY. Descriptive, thermodynamic and kinetic treatment of properties of surfaces, sols, emulsions, gels.

Professor Robertson

1 hour.

Reference Books: Weiser, Colloid Chemistry, 2nd ed. (Wiley); Adam, Physics and Chemistry of Surfaces, 3rd ed. (Oxford); Brunauer, Adsorption of Gases and Vapors, Vol. I (Princeton); Alexander and Johnson, Colloid Science (Oxford); Harkins, Physical Chemistry of Surface Films (Reinhold); Jirgensons and Straumanis, Short Textbook of Colloid Chemistry; Gregg, The Surface Chemistry of Solids (Reinhold).

47. ELECTROCHEMISTRY. Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells, liquid junction potentials; overvoltage and polarization phenomena.

1 hour. *Professor Ross*

Text: Glasstone, Introduction to Electrochemistry (Van Nostrand); MacInnes, The Principles of Electrochemistry (Reinhold).

GRADUATE COURSES

100. SPECIAL TOPICS. Critical and original essays are required on various subjects of current interest in chemistry.

2 hours. *Staff*

101. INFRARED SPECTROPHOTOMETRY. (For graduate students in Chemistry only) Theory of infrared spectra, their interpretation and application to the determination of molecular structure. Laboratory exercises, including preparation of samples and instrumentation.

2 hours, one term. *Professor Taurins*

200. THEORETICAL ORGANIC CHEMISTRY. Interpretation of molecular structure, and reactivity of organic compounds in terms of electronic structure, resonance and molecular orbitals. Mechanisms of organic reactions, ionic and free radical, including substitution, addition, elimination, rearrangement and polymerization. Fundamental principles of ultraviolet, visible and infrared spectrophotometry.

3 hours. *Professor Taurins*

201. HETEROCYCLIC COMPOUNDS. A selection of advanced topics on the structure, reactivity and methods of synthesis of heterocyclic compounds containing oxygen, nitrogen and sulphur as heteroatoms.

1 hour. *Professor Taurins*

202. NATURAL PRODUCTS. A study of recent investigations, mainly in the field of alkaloids and terpenes, to illustrate modern methods of determining structure, and the application of stereoelectronic theory to complex molecules.

1 hour. *Professor Edward*

203. CELLULOSE, LIGNIN, AND RELATED COMPOUNDS. The chemistry of some typical polysaccharides, including plant gums, pectins and hemicelluloses, is first outlined; wood lignin, the linear structure, the polymolecularity, and the supermolecular structure of cellulose are then discussed.

2 hours. *Professor Purves*

300. RADIOCHEMISTRY. Nuclear properties; semi-empirical mass formula; isobaric behaviour; modes of radioactive decay; nuclear reactions; compound nucleus; cross-sections; high energy reactions; instruments and techniques used in measurement and study of radiations; methods of isolation, concentration and identification of radioactive nuclides; chemistry of low concentrations; some applications of radioactive tracers.

1 hour. *Professor Yaffe*

301. SELECTED TOPICS IN RADIOCHEMISTRY. This course is designed to be of a more general nature than Chemistry 300. A number of lectures will be given dealing with fundamentals of radio-chemistry, radio-tracer techniques and applications. The remainder of the lectures will be devoted to special topics including isotope effects, exchange reactions, C^{14} dating technique, synthesis of the new elements, etc.

1 hour. *Professor Yaffe*

400. SELECTED TOPICS IN POLYMER AND COLLOID SCIENCE. The topics include the following: Solution properties of macromolecules; kinetics of polymerization; determination of molecular weight and shape; phase transitions in polymers; X-ray diffraction; monomolecular layers; stability of colloids; electrical double layers; polyelectrolytes; proteins, etc.

2 hours. *Dr. Mason and Associates*

401. CHEMICAL KINETICS. Advanced treatment of selected topics in chemical kinetics and photochemistry.

2 hours. *Professor Sehon*

402. STATISTICAL THERMODYNAMICS. Introduction to quantum mechanics, Schroedinger equation, solution of wave equation for simple models; Bose-Einstein and Maxwell-Boltzmann statistics; partition function for the models; calculation of thermodynamic quantities. Application to simple molecules, using spectroscopic data.

2 hours. *Professor Schiff*

500. COLLOQUIUM—ORGANIC

Each student is required to participate in Research Colloquia which are held bi-monthly. These involve the presentation and discussion of papers dealing either with the student's own research or with recent research publications. *Staff*

501. COLLOQUIUM—INORGANIC AND PHYSICAL *Staff*

As above.

APPLICATIONS FOR ADMISSION

If possible a candidate should specify the field of research in which he is interested.

Candidates accepted for graduate work may begin research on June 1st.

Those students in the Graduate School who are awarded demonstratorships are required to devote not more than 12 hours of instruction in undergraduate laboratories per week during the academic session.

REQUIREMENTS FOR THE MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY DEGREES

I. Students must take such examinations as may be required in (a) Organic, (b) Inorganic and Radiochemistry, (c) Physical, (d) Colloid Chemistry, (e) Cellulose Chemistry and (f) assigned cognate courses given in other departments.

II. Research in this Department may be conducted in: (a) Organic Chemistry, (b) Inorganic and Radiochemistry, (c) Physical Chemistry, (d) Colloid Chemistry, (e) Cellulose Chemistry, (f) Immunochemistry (see the Announcement of the Department of Experimental Medicine).

III. Thesis on the candidate's research.

IV. Oral examination on the thesis and related subjects, required only of candidates for the Ph.D. degree.

FINANCIAL ASSISTANCE

It is usually possible to provide financial assistance during the four summer months. Financial assistance during the academic session is generally available in the form of demonstratorships or scholarships and occasionally by payment from research funds.

EXAMINATIONS IN CHEMISTRY

1. Examinations are normally taken by the candidate in May. In special circumstances, and with the permission of the Department, they may be taken in September.

2. All examinations other than those in certain special courses must be passed before the candidate enters his final year, except in special circumstances and then only with the approval of the Department.

3. A candidate who may wish to take examinations in any one or more subjects in September of his entrance year is advised to consult the Chairman of the Department as soon as possible.

4. Students who register for an M.Sc. degree at McGill may, with the approval of the Department and the Dean of the Graduate Faculty, continue to the Ph.D. degree without submitting a Master's thesis.

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

Professors — CARLETON CRAIG, *Chairman*; J. L. DESTEIN

Associate Professors — J. O. MCCUTCHEON; ANDREJS PAKALNINS

Adequate laboratory and library facilities are available for the courses listed below. Facilities for research are available in the following fields:

(a) reinforced concrete structures

(b) strength and stability of steel and light alloy structures

(c) soil mechanics

(d) hydraulics

COURSES FOR THE MASTER'S DEGREE

60. STATICALLY INDETERMINATE STRUCTURES

First term, 2 hours tutorial, and 6 hours computation and reports.

Professor McCutcheon

61. TECHNICAL ELASTICITY

First term, 2 hours tutorial, and 6 hours computation and reports.

Professor Craig

62. STRUCTURAL ANALYSIS

First term, 2 hours tutorial, and 6 hours computation and reports.

Professor deStein

63. HIGHWAY ENGINEERING

4 hours tutorial, and 12 hours computation and reports.

Professor Pakalnins

64. HYDRAULIC ENGINEERING

First term, 2 hours tutorial, and 6 hours computation and reports.

Professor Craig

65. SOIL ENGINEERING

First term, 2 hours tutorial and 6 hours computation and reports.

66. MUNICIPAL ENGINEERING

Advanced course of design and economics of Public Water Supply, Sewerage, Sewage and Wastes Treatment.

First term, 4 hours tutorial, and 6 hours computation and reports; second term, 2 hours tutorial.

Professor Pakalnins

Candidates for the M.Eng. degree will be expected to take at least two courses in addition to thesis work.

DEPARTMENT OF CLASSICS

Professor (Post-retirement) C. H. CARRUTHERS

Associate Professors P. F. MCCULLAGH, *Chairman*
E. M. COUNSELL

Assistant Professor C. D. GORDON

Lecturer G. R. VALLILLEE

COURSES FOR THE DEGREE OF MASTER OF ARTS

CLASSICS 60. STATE AND INDIVIDUAL: POLITICAL AND ETHICAL CONCEPTS OF THE GREEKS AND ROMANS

An intensive study of selected source material (Greek and Latin), illustrating various stages of ethical and political thought in the ancient world.

2 hours colloquia. *Professor McCullagh*

GREEK 61. HISTORY OF THE EPIGRAM

2 hours colloquia. *Professor Carruthers*

GREEK 62. READINGS IN THE GREEK HISTORIANS

3 hours. *Professor Gordon*

GREEK 63. HOMER, ODYSSEY.

3 hours. *Mr. Vallillee*

LATIN 70. LUCRETIUS

Lucretius' status as poet, philosopher and scientist.

3 hours. *Professor Carruthers*

LATIN 72. LATIN EPIGRAPHY AND PALAEOGRAPHY

2 hours colloquia. *Professor Carruthers*

LATIN 73. LATIN OF THE SILVER AGE

2 hours colloquia. *Professor Counsell*

LATIN 74. CICERO THE HUMANIST

An examination of selected ethical, political and religious writings of Cicero.

2 hours colloquia. *Professor McCullagh*

LATIN 75. ROMAN HISTORY

A study of the original Latin sources, literary and epigraphic, dealing with selected problems of late republican and early imperial history.

2 hours colloquia. *Professor Gordon*

LATIN 76. ADVANCED LATIN PROSE COMPOSITION.

1 hour. *Professor Counsell*

80. INTRODUCTION TO THE STUDY OF LANGUAGE (LINGUISTICS 21)

3 hours. *Professor Carruthers*

FACULTY OF DIVINITY

Professors
S. B. FROST, *Dean*
G. B. CAIRD
R. H. L. SLATER
W. C. SMITH
J. S. THOMSON

Associate Professor
H. H. WALSH

Lecturers
C. J. ADAMS
J. A. BOORMAN

Requirements for admission to the course leading to the degree of *Sanctæ Theologiæ Magister* (S.T.M.) are stated on page 2626. The usual rules and regulations of the Faculty will apply. In the special field of Comparative Religion, the M.A. degree is also offered, for candidates who do not have the B.D. or its equivalent.

The staff is prepared to offer a selection from the following list of courses, and to guide students in thesis research on approved topics, within each of the following fields: Old Testament language and literature; New Testament language and literature; Systematic Theology, including Christian Ethics; Philosophy and Psychology of Religion; Church History; and Comparative Religion. To each approved student appropriate courses will be assigned, on occasion including courses offered by other Departments such as Philosophy, History, Classics, or Islamic Studies. Graduate students in these Departments may be permitted or required to take courses currently offered in Divinity.

Adequate library facilities are available in Divinity Hall and elsewhere for the courses listed, and for research.

COURSES IN DIVINITY

61. THE DOCTRINE OF THE TRINITY
2 hours. *Professor Slater*

65. THE NATURE AND FUNCTION OF THE CHURCH
2 hours. *Professor Slater*

66. APPLIED PSYCHOLOGY OF RELIGION
2 hours.

---

73. THE SEPTUAGINT AND THE NEW TESTAMENT
2 hours. *Professor Caird*

74. ST. PAUL'S EPISTLE TO THE ROMANS
2 hours. *Professor Caird*

75. CONTEMPORARY PROBLEMS IN NEW TESTAMENT THEOLOGY
Professor Caird

76. THE EPISTLE TO THE EPHESIANS
2 hours. *Professor Caird*

84. THE QUMRAN COMMUNITY
2 hours. *Professor Frost*

90. INTRODUCTION TO CANADIAN CHURCH HISTORY. The origins of the various churches in Canada.
2 hours. *Professor Walsh*

91. PROBLEMS OF CHURCH AND STATE. A study of the relations of Church and State during the revolutionary period in France.
2 hours. *Professor Walsh*

92. THE HISTORY OF THE DOCTRINE OF THE ATONEMENT
2 hours. *Professor Thomson*

93. THE SOCIAL TEACHINGS OF THE CHRISTIAN CHURCHES SINCE 1900
2 hours. *Professor Walsh*

94. SELECTED PSALMS (Hebrew and Greek Texts and Exegesis).
2 hours. *Professor Frost*

COURSES IN COMPARATIVE RELIGION

101. HISTORICAL DEVELOPMENT OF ISLAMIC THEOLOGY. See page 2703.
2 hours. *Professor Smith*

103. SEMINAR IN COMPARATIVE RELIGION. The multi-religiousness of mankind, considered socio-politically, philosophically, and, from the viewpoint of each of the major world faiths, theologically.

Note: This seminar will not be held unless members of at least two different religions participate.

2 hours. *Professor Smith*

104. THE SIGNIFICANCE OF "NIRVANA" with special reference to Hinayana Buddhism.

2 hours. *Professor Slater*

105. CHRISTIANITY AND OTHER RELIGIONS

2 hours. *Professors Slater and Smith*

106. CHRISTIANITY AND ISLAM

2 hours. *Professor Smith*

The courses in Islamic religion are given in conjunction with the Institute of Islamic Studies (see page 2701). Other courses will be made available if qualified students present themselves.

Note: Graduate Courses in Philosophy of Religion will be announced at the beginning of the Academic Year.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

Professors

———— *Chairman*
E. F. BEACH
G. E. G. CATLIN
F. C. JAMES
D. L. MACFARLANE
H. D. WOODS
D. M. WRIGHT

Associate Professors

IRVING BRECHER
K. B. CALLARD
J. T. CULLITON
W. E. HAVILAND
M. C. KEMP
J. R. MALLORY
J. C. WELDON (*on leave of absence*)

Assistant Professors

D. E. ARMSTRONG
MICHAEL BRECHER
S. J. FRANKEL
R. C. PRATT

GRADUATE SEMINARS

A graduate seminar will normally meet for two hours each week throughout one term. Reading and preparation require substantial additional time. At the graduate level the student is expected to concentrate wholly on either economics or political science.

Seminars in Economics

511. THEORY OF THE FIRM I. A specialized study of the theory of the process of the firm.
First term. *Professor Beach*

512. THEORY OF THE FIRM II. A study of the theory of the firm as adapting itself to, and cushioning itself from, often unforeseeable economic and technical change, cyclical movements, and social disturbance; also as initiating innovation.
Prerequisite: Economics 511. *Professor Wright*

513. WELFARE ECONOMICS. This course is intended for graduate students who have had a course in advanced theory and who, in particular, are well acquainted with modern demand theory. It is intended as a supplement to descriptive and analytical economics.
First term. *Professor Kemp*

521. ADVANCED MONETARY THEORY
Second term. *Professor Marsh*

522. MACRO-ECONOMICS. Determinants of the general levels of income, employment, prices, production; economic fluctuations; economic trends; under-employment equilibrium and secular stagnation; conditions of economic progress; fiscal and monetary policies for maintaining full employment and preventing inflation.
First term. *Professor Wright*

523. THEORY OF ECONOMIC CHANGE. Methodological critique of modern, Keynesian, and classical theories of economic change and development, restatement of problems for analysis, analytical study of models involving population and technological changes in the economy as a whole and the cultural conditions accompanying them.
First term. *Professor Wright*

524. INTERNATIONAL ECONOMICS. Selected problems in the theory of international trade and foreign exchange.
Second term.

531. CANADA-UNITED STATES ECONOMIC RELATIONS. A study of key issues affecting economic relations between Canada and the United States. Among the topics analyzed will be foreign investment, the balance of payments, business fluctuations, and commercial and agricultural policies.
Second term. *Professor Irving Brecher*

532. TRANSPORTATION. A study of the economics of transportation; its relation to the general body of economic theory; government regulation with emphasis on factors that fashion it.
Both terms. *Professor Culliton*

541. LABOUR ECONOMICS. Special problems of labour and management.
Second term. *Professor Woods*

561. ECONOMETRICS. The application of mathematics and statistics to the study of economics. An acquaintance with calculus and elementary statistics is assumed.
Second term. *Professor Kemp*

581. AGRICULTURAL ECONOMICS. The nature of agricultural production; the economics of size in agriculture; intensity of production; the pricing mechanism for farm products; agriculture in world commerce, FAO, ITO; the role of agriculture in the Canadian economy; economic problems confronting the Canadian farm industry.
First term. *Professor MacFarlane*

582. AGRICULTURAL POLICY. The nature and objectives of policy; use of economic analysis as a guide to formation and appraisal of agricultural policy; fallacies; the time dimension; reconciliation of conflicts; problems confronting agriculture—instability, inter-industry and interregional inequality, poverty and inefficiency; policies for achieving greater economic welfare and progress.
Second term. *Professor Haviland*

Seminars in Political Science

515. POLITICAL THEORY. A seminar in contemporary political science, with reference also to political philosophy and to the psychological bases and sociological affiliations of politics.
Second term. *Professor Catlin*

Prerequisite: Political Science 311 or its equivalent.

525. POLITICAL INSTITUTIONS. A study of the problem of governments and politics in a selected area. *Professor Mallory*

545. PUBLIC ADMINISTRATION. A problem of contemporary administrative interest will be selected for analysis. The exact topic will be announced later.

Second term. *Professor Callard*

546. REGIONAL PLANNING (ARCHITECTURE B). A seminar on the problems of regional planning, not for course credit.

Both terms. *The Inter-Departmental Committee on Regional Planning*

THE STAFF SEMINAR

The Staff Seminar of the Department of Economics and Political Science meets once each week during term to discuss papers presented by members of the staff and, occasionally, by visitors to the university. All graduate students are entitled to attend. The purpose of the Seminar is to enable staff and students to discuss informally topics of current research interest in the belief that such regular discussion will stimulate the research of staff and students alike.

Students who have obtained at least second class standing in the honours B.A. course in Economics and Political Science in McGill University, or who have completed at least three full courses in Agricultural Economics at Macdonald College and at least two full courses in Economics and Political Science at McGill, with at least second class standing, are eligible for admission to the M.A. course. Students who hold the B.Com. from McGill with at least second class standing over-all and in all the required courses in Economics are eligible for admission to the M.A. course. Students with equivalent qualifications from other approved institutions are also admissible. Since graduate work is normally undertaken in only one of the two subjects within the Department, i.e. Economics or Political Science, applicants may be admitted who have acceptable qualifications in either Economics or Political Science.

REQUIREMENTS FOR THE MASTER'S DEGREE

Candidates for the Master's degree must pass the examinations set on the work of two of the Seminars listed above. In addition all candidates are required to prepare themselves, under the direction of a member of the Department, for a Comprehensive Oral Examination in three fields of study, one of which must be Political or Economic Theory. The results of these examinations will determine not only the candidate's qualifications for the Master's degree, but also if he may continue for doctoral study. A pass for the Master's degree does not necessarily imply permission to proceed for the doctorate.

Preparatory work for the Comprehensive Oral Examination. In preparing for the Oral Examination candidates will follow courses of reading or lectures which their directors of research may consider necessary in each individual case.

Optional Fields for the Comprehensive Oral Examinations:

Economic Theory; Economic History; Economic Policy; Money and Banking; Labour Economics, International Economics; Agricultural Economics; Economics of Transportation; Political Theory; Comparative Government; American Government; British Commonwealth Governments; Canadian Government; Public Administration; International Law and Organization.

A Thesis on an approved subject is required.

REQUIREMENTS FOR THE Ph.D. DEGREE

Students who have achieved high standing in the M.A. in Economics, or Political Science, or the M.Com., at McGill University, or have equivalent qualifications, may be permitted to proceed to the Ph.D. in two further years, one of which may be spent at an approved institution elsewhere. Students from institutions other than McGill are required, in their first year of residence, to pass the two seminars prescribed for the Master's degree. Students for the Ph.D. are required to take one additional seminar in their second year of residence at McGill, and additional seminars may be required of particular students in that year if recommended by the student's director of studies. In the case of additional seminars beyond the two required for the M.A., the Department may, in the case of students permitted to spend one or more years at another university, recognize seminars taken there in fulfilment of this requirement.

All candidates for the Ph.D. must pass a comprehensive oral examination in three fields of study, one of which must be Political or Economic Theory. The examination must be offered from among the fields of study enumerated under *Requirements for the Master's Degree*, and is set at a higher standard than that required for the Master's degree.

All doctoral candidates must pass an examination in unseen translation from authors in two modern languages other than English. French-speaking candidates may translate into French, but in that case one of the languages from which they translate must be English. A Thesis on an approved subject is required.

McGill University is now prepared to offer instruction at the Master's level in all the usual branches of Economics and Political Science. For the Ph.D., however, McGill is prepared to accept candidates only in the

following branches: Economic Theory, Public Finance, Fiscal and Monetary Policy; Banking; International Trade; Employment Theory; Labour Economics, including wage theory and policy; Regional Economics and Economic Geography; Agricultural Economics; Political Theory; Legal Theory; Comparative Government and Comparative Legal Systems; Canadian Government and Constitution; Commonwealth Governments and Commonwealth Relations.

GRADUATE PROGRAMMES IN CO-OPERATION WITH OTHER DEPARTMENTS

The general requirements of the Department for the Master's degree, viz. the Comprehensive Oral Examination (including the required subject in political or economic theory), the two required Seminars, and the Thesis, must be met by all candidates. The two following programmes for candidates with specialized interests are offered in co-operation with other Departments in the Faculty of Graduate Studies. Programmes can also be arranged in co-operation with the Institute of Islamic Studies.

1. COMMUNITY PLANNING

An inter-departmental Committee of the Faculty of Graduate Studies offers a programme of graduate training for those wishing to specialize in Community Planning. The Committee represents the Departments of Architecture, Engineering, Geography, Sociology, and Economics and Political Science. Specialized instruction in the form of a Graduate Seminar, Courses of Instruction, and Laboratory Work is offered by qualified members of the Departments concerned. Candidates are required to meet the degree requirements of the departments in which they are registered. Students in Economics and Political Science will offer the Seminar in Community Planning (listed as Course No. 546 above) as one of the required Seminars for the degree, and will write a thesis on a topic related to Community Planning.

2. INTERNATIONAL RELATIONS

Candidates wishing to specialize in International Relations will be expected to meet the normal degree requirements of the Department, while offering International Law and Organizations as one of the fields for the Comprehensive Examination, and writing a thesis on an approved topic in international relations. Supplementary courses of interest to students in International Relations may be found in the Department of History, Faculty of Law, and Department of Geography, and in the Institute of Islamic Studies. Students who require them may take such courses, with the consent of the department concerned. Where appropriate Graduate Seminars are offered, as in the Faculty of Law or in Islamic Studies, they may, with the consent of the department or faculty

concerned and the Department of Economics and Political Science, be offered in fulfilment of the Seminars required in Economics or Political Science.

3. ISLAMIC STUDIES

Students may, with the approval of the Department and of the Institute of Islamic Studies, take certain courses offered in Islamic Studies as part of a programme emphasizing the problems of the Islamic World. Students will be required to meet the normal degree requirements of the Department, together with appropriate courses in Islamic Studies, and write their theses on problems in some area of economics or political science relevant to Islamic studies. In certain cases a graduate seminar in Islamic Studies may be substituted for one of the seminars required to be taken in the Department. In general, the above programme may be permitted for students in Political Science whose main field of study is Comparative Government, International Relations, or Political Theory, and students in Economics whose main field is either the Theory of Economic Development or Economic History.

NOTE FOR CANDIDATES FROM THE UNITED STATES OR ABROAD

Candidates from the United States or elsewhere are advised that a Canadian honours degree in Economics and Political Science ordinarily comprises a reasonable acquaintance with the theoretic literature in both fields, a knowledge of the development of the science, and some degree of specialization in one field or the other.

DEPARTMENT OF EDUCATION

Professors	C. E. SMITH, *Chairman* C. WAYNE HALL D. C. MUNROE
Associate Professor	A. B. CURRIE
Assistant Professor	FRANCES E. CROOK

The course leading to the degree of Master of Arts is intended to encourage teachers who have completed the basic academic and professional training to proceed with further graduate studies. Many will wish to develop and perfect the teaching procedures in certain subject areas so that they may improve their technical skill; others will wish to deepen their knowledge of the historical and philosophical foundations of education; some will be interested in specialized studies in psychology and sociology; administrative and supervisory officers will benefit from research in school organization and procedure. In addition to those

who enter the course from professional interest, there may also be some who wish to study the relationship of education to other cultural disciplines and aspects of public administration. For students in all these categories the course provides unusual opportunities for advanced study.

ENTRANCE REQUIREMENTS

Candidates with Honour Standing in the course leading to the B.Ed. degree in McGill University will be accepted *or* candidates holding the B.A. or B.Sc. degree in McGill University or a University of recognized standing will be admitted under the following conditions:

(a) Honour Standing in at least one continuation subject to be chosen from the following: English, French, History, Geography, Mathematics, Latin, Physics, Chemistry, Botany-Zoology.

(b) Honour Standing in the course leading to the High School Diploma (or the equivalent).

Candidates from other institutions whose qualifications do not meet these requirements may be permitted to register in qualifying courses. These include the various continuation subject fields, Educational Psychology, History of Education, Tests and Measurements. If there is sufficient registration these may be offered in an additional Summer School.

PROGRAMME OF THE COURSE

The course begins with a Summer Session in July which is followed by a Winter Session of part or full-time study and a second Summer Session. It may be completed in a minimum of fifteen months. The inclusive fee of $500 will become due as follows: for the first Summer Session, $200; for the Winter Session, $150; for the second Summer Session, $150. Applications for admission to the first Summer Session must be made before June 14th 1958. The Summer Session commences on July 2nd, which is also the last day for the submission of sessional registration forms. Sessional registration forms must also be submitted for the Winter Session not later than September 19th.

During the first Summer Session the students will attend seminars in Educational Thought and Methods of Educational Research. The purpose of these studies is to give the candidate a broad and thorough preparation in choosing an area of concentration and subject for the graduate thesis.

During the Winter Session the student will choose one of the following areas of concentration:

1. Methods of Teaching a Special Subject
2. History and Philosophy of Education
3. Educational Psychology and Sociology
4. Educational Administration

Seminars will be held weekly in each of these subjects and the candidate will begin his research project and the preparation of the thesis under the director of research in his special area of study.

During the final Summer Session the candidate will attend seminars in Educational Sociology and Modern Educational Practice. These are intended to assist the student in applying his research to modern educational programmes and institutions. They will be closely related to the development of education in modern society.

GRADUATE DIPLOMA IN SCHOOL SUPERVISION

This Diploma is offered for those who wish to qualify for administrative or supervisory positions in the educational system but do not wish to submit the thesis required for the Master of Arts degree.

The entrance requirements and admission procedures are the same as those for the M.A. degree (above), save that candidates must have had approved teaching experience.

The programme of the course is the same as that for the M.A. degree (above), save that in the Winter Session the weekly seminars will be replaced by a seminar on case studies in administration, and directed study. The course may, as above, be completed in a minimum of fifteen months.

DEPARTMENT OF ELECTRICAL ENGINEERING

Professors
G. L. D'OMBRAIN, *Chairman*
F. S. HOWES

Associate Professors
G. W. FARNELL
T. J. F. PAVLASEK
W. H. SCHIPPEL

Assistant Professor
T. H. BARTON

Advanced courses of instruction and laboratory facilities are available for graduate students desiring to proceed to the Master of Engineering degree in either Electric Power or Electrical Communication Engineering, or to the Ph.D. degree in Electrical Communication Engineering.

The undergraduate Communication Engineering option, as given at McGill, involves, in addition to courses in electric power engineering, 48 hours of lectures and 36 hours of laboratory in electron tubes and circuits; 48 hours of lectures in telephone transmission, radio-frequency lines, and wave guides; 48 hours of lectures and 144 hours of laboratory in radio engineering; 24 hours of lectures in applied acoustics; and 12 hours of lectures and 36 hours problems in radio design. Candidates for the M.Eng. degree in Communication Engineering, who come to McGill from other institutions, are expected to have had the equivalent background of training. Candidates without this preparation, who are otherwise qualified, may make up their deficiency in a qualifying year.

I. ELECTRIC POWER ENGINEERING

Courses

G401. POWER SYSTEM ANALYSIS AND STABILITY — *Professor Schippel*

G402. ELECTRIC MACHINE DESIGN — *Professor Schippel*

G403. FEEDBACK CONTROL SYSTEMS — *Professor d'Ombrain*

G404. UNIFIED THEORY OF ELECTRIC MACHINES — *Professor Barton*

G406. ELECTRICAL POWER TRANSMISSION AND DISTRIBUTION — *Professor Schippel*

Courses G401, G402, G403, G404, and G406 each consist of two lectures per week throughout the session, together with such reading and problems as may be assigned by the instructor.

Course Requirements

All students proceeding to the Master of Engineering degree in Electric Power Engineering are required to take course G411 or its equivalent in Applied Mathematics, together with such other courses from the above list as may be deemed necessary for progress in the special field of the student's interest and research.

Research

Facilities are available for studies in the following fields:

(a) Power System Stability.

(b) Design and Operation of Electric Power Equipment.

(c) Industrial Control, including Electronic Control Devices.

(d) Protection of Electric Power Systems.

(e) Electrical Measurements.

II. ELECTRICAL COMMUNICATION ENGINEERING

Courses

G403	FEEDBACK CONTROL SYSTEMS	*Professor d'Ombrain*
G411	APPLIED MATHEMATICS	*Professor Wallace (Department of Mathematics)*
G412	OPERATIONAL CALCULUS AND MATRIX ALGEBRA	*Professor Rosenthall (Department of Mathematics)*
G413	COMPLEX VARIABLE WITH ENGINEERING APPLICATIONS	*Professor Rosenthall (Department of Mathematics)*
G414	RADIATION THEORY AND ANTENNAS	
G415	ENGINEERING ACOUSTICS	*Professor Howes*
G416	MICROWAVE THEORY AND TECHNIQUES	
G417	NETWORK ANALYSIS	*Professor Pavlasek*
G418	TRANSIENT ANALYSIS AND PULSE TECHNIQUES	*Professor Farnell*
G419	TRANSISTOR ELECTRONICS	*Professor Farnell*
G420	MATHEMATICS FOR DIGITAL COMPUTERS	
G421	PRINCIPLES OF SERVOMECHANISMS	*Professor Watson (Department of Physics)*
G423	DIGITAL AND ANALOG COMPUTERS	
G424	GRADUATE SEMINAR	

and the following courses offered at Carleton University, Ottawa:

G425	RADIATION THEORY AND ANTENNAS	
G426	FEEDBACK CONTROL SYSTEMS	
G427	AUTOMATIC CONTROL	*Dr. Milsum*
G428	DIGITAL AND ANALOG COMPUTERS	
G429	MICROWAVE THEORY AND TECHNIQUES	
G430	VIBRATION AND SOUND	*Dr. G. Shaw and Mr. R. Richards*
G431	TRANSISTOR THEORY AND APPLICATIONS	*Dr. Simpson*
G433	APPLIED MATHEMATICS	
G434	RADIO WAVE PROPAGATION	*Dr. Doherty*

Not all of these courses are offered every session.

The above courses listed under II are all given in the evening. Each involves one two-hour lecture per week. Courses G425 - G434 are given at Carleton University, Ottawa.

Course Requirement

The course requirement for the Master's degree in Electrical Communication Engineering is course G411, or its equivalent in Applied Mathematics, and any three of the other courses listed.

Participation in the Graduate Seminar (G420) may be required of all candidates for the Master's degree in Communication Engineering in their final year.

Research

Facilities are available for research in the following fields:

(a) Circuits—Audio Frequency and High and Ultra-High Radio-Frequency.
(b) Micro-wave measurements.
(c) Radio noise studies.
(d) Antenna problems.
(e) Transistor electronics.
(f) Feedback and Control Problems.
(g) Acoustical measurements.
(h) Acoustical noise reduction problems.

III. THESIS REQUIREMENT

In addition to the course requirement for the Master's degree, the student is required to submit a thesis based on his own research or development work in connection with some suitable problem in the broad fields of Electric Power or Communication Engineering. The subject of the thesis must be approved by the Department of Electrical Engineering at the beginning of the year in which it is to be submitted.

IV. GRADUATE EVENING COURSES IN ELECTRICAL ENGINEERING

Graduate engineers engaged in research, design, and development work in the fields of Power and Communication Engineering require more advanced training in mathematics, field theory, and circuit theory than can be included in undergraduate courses. In addition, there are many special phases of Communication Engineering which require, for their mastery, such advanced training.

In order to meet this need many of the graduate courses are given in the evening, but some of them are offered only in alternate years.

All of the courses listed under II above are given in the evening and are available to graduates employed in industry. Students so employed during the day are permitted to take not more than two courses per session.

Regular graduate students taking evening courses required for their degrees *must* register also with the Extension Department, though one fee covers both.

In the field of Communication Engineering, graduate evening courses are also given in Ottawa by special lecturers attached to the staff of McGill University.

It is now generally recognized that these courses provide a necessary supplement to undergraduate training in communications and, in addition, provide the opportunity for graduates to complete the course requirement for the Master of Engineering degree while gainfully employed.

Registration

Evening students who wish to proceed to the Master's degree are not permitted to register with the Faculty of Graduate Studies and Research until they have completed the four required courses with an average mark of not less than 75 per cent. They may then make application to the Faculty of Graduate Studies and Research in the Department of Electrical Engineering, for acceptance as graduate students and if they are accepted, they may proceed with registration in the Faculty of Graduate Studies and Research.

Thesis

The general requirements for the thesis are those shown under Section III. Under certain circumstances, an evening course student may be permitted to base his thesis on research done in an industrial laboratory.

Residence Requirement

At least one full session of resident study at McGill University is required of a candidate for a Master's degree. Evening students who attend classes at McGill may be exempted from the residence requirement when they have completed the course requirement. Students who take their course work in Ottawa are required to spend a session at McGill which may be largely devoted to research and thesis preparation. Candidates for the Master's degree who are graduates of McGill and who are Civil Service employees of two or more years standing may have their residence requirement reduced to a half session only. (See page 2622.)

Fees

Fees paid by an evening course student for courses which he successfully completes will be credited toward the general graduate fee should he subsequently be accepted as a graduate student in the Department of Electrical Engineering.

M.Sc. in Electrical Communications

To enable graduates in Physics to complete the course requirement for a Master's degree through evening study, the M.Sc. in Electrical Communications is being offered by the Department of Electrical Engineering. The requirements regarding courses, registration, thesis, residence and fees are the same as for the M.Eng. degree detailed above.

Graduate Diploma

A graduate diploma is available in Electrical Communications, Electrical Communication Engineering and Electric Power Engineering. The course and registration requirements are the same as for the M.Eng. degree but there is no residence or thesis requirement. Students who have already completed the course requirement and who wish to proceed to the Graduate Diploma rather than the Master's degree, should make application to the Faculty of Graduate Studies and Research before January 31st for acceptance as graduate students. Such application should be accompanied by a transcript of the student's undergraduate record and by a letter indicating the graduate evening courses taken by the student and the years in which they were taken. The fee for registration and graduation is $25.

V. REQUIREMENTS FOR THE PH.D. DEGREE IN ELECTRICAL ENGINEERING

This degree is at present available only in the field of Communication Engineering.

(1) All the general regulations of the Faculty of Graduate Studies and Research for the degree of Ph.D. will apply.

(2) Candidates for the degree of Ph.D. in Electrical Engineering will be accepted only after they have obtained the M.Eng. degree in Electrical Engineering at McGill University or its equivalent from another institution, and their acceptance will depend on the standing obtained with the M.Eng. degree.

(3) A minimum of four courses of graduate level must be completed beyond the Master's degree. Of these one must be in advanced mathematics, one in physics, one in an engineering subject, and the fourth may be in any of these three fields or in some other field particularly relevant to the thesis topic of the student.

All four courses are to be chosen, in consultation with staff members to augment most appropriately the previous work of the student.

The courses must be completed at least 12 months before the date on which the degree is obtained.

When it is planned to spread the Ph.D. programme over more than two years beyond the Master's degree, at least one course should be taken in each year except the final one.

(4) A general written examination covering the field of electronics and communication engineering will be held not less than 12 months prior to the expected date of graduation.

(5) After the acceptance of the thesis an oral examination covering its contents and related material will be held.

(6) Students registering for the Master's degree who have any thought of possibly proceeding to the Ph.D. degree are advised, particularly if their Master's degree work covers more than one academic session, to attempt at least one of the Ph.D. language examinations before registering for the Ph.D. degree. They may also be permitted, subject to departmental approval, to take one or two of the additional courses required for the Ph.D. degree, in the second or later years of their Master's degree work.

DEPARTMENT OF ENGLISH

Professors	RALPH S. WALKER, *Chairman* H. G. FILES JOYCE HEMLOW
Associate Professor	HUGH MACLENNAN
Assistant Professors	CONSTANCE BERESFORD-HOWE CURTIS D. CECIL LOUIS DUDEK ALAN HEUSER SLAVA KLIMA ALEC LUCAS ARCHIBALD MALLOCH GORDON F. SLEIGH
Lecturer	MARTIN PUHVEL

UNDERGRADUATE PREREQUISITES

Applicants for admission to the Faculty as candidates for the M.A. degree, in addition to holding the B.A. degree, must normally have obtained first or second class Honours in English at McGill University, or the equivalent elsewhere. An undergraduate candidate for Honours in English at McGill must take, in the 2nd, 3rd, and 4th years, a total of ten courses, including Half Courses 305a or 305b (Chaucer) and 315b (16th century), and Courses 200 (Shakespeare), 320 (17th century), 220 (18th century), 230 (19th century), for which 322a and 322b may be substituted, and 340 (20th century). The remaining four courses are chosen from those approved by the Department as Honours courses or Cognate courses.

Applicants for admission who in the opinion of the Department lack the equivalent of this training may be permitted by the Dean and the Department to take a qualifying year, provided that it is possible for them to make up the required qualifications by taking not more than five Honours courses in this qualifying year. For particulars of the prerequisite courses, see the Announcement of the Faculty of Arts and Science.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

Candidates for the degree of M.A. in English must take three courses (two half courses counting as one full course) from the list given below, and in addition the Half Course in Bibliography (500a), if the undergraduate Half Course in Bibliography (380a), or its equivalent, has not already been passed. The Course in Old English (504) must be included as one of the three required courses, if the undergraduate Course in Old English (300), or its equivalent, has not already been passed. A thesis on some subject approved by the Department must be written under the supervision of a Director appointed by the Department. Suitably qualified candidates may obtain permission to substitute a project in creative writing, such as a novel, for the thesis. Every student, after presenting his thesis, must be prepared, if so required by the Department, to submit to an examination, oral or written on its subject matter or background.

Students registered for courses or half courses listed below will meet their instructors twice or three times a week at the instructors' direction. *As some of the courses and half courses may not be available every year, it will be necessary for every M.A. degree candidate to consult the Department before making his choice from among them.*

COURSES FOR GRADUATES

500a. BIBLIOGRAPHY (Half course). An introduction to the apparatus and methods of scholarship in literary studies.

First term.

Professor Malloch

502. LITERARY CRITICISM (Full course). The nature of literature and literary criticism; the great critics and the critical thought of the West from the beginnings in Greek criticism (with special emphasis on Plato, Aristotle, and Longinus) through the Renaissance to the present time.

Professor Files

504. OLD ENGLISH (Full course). English Language and Literature up to the Norman Conquest. The course includes readings from Anglo-Saxon prose in the first term, and, in the second, a study of heroic poetry. The texts used are: Bright, *Anglo-Saxon Reader* and *Beowulf* (ed. Klaeber).

Mr. Puhvel

505a. INTRODUCTION TO MIDDLE ENGLISH (Half course). A study of representative Middle English texts, all included in Brandl and Zippel, *Middle English Literature*. The historical development of Middle English and the distinctive features of the dialects are noted.

First term.

Mr. Puhvel

506b. MIDDLE ENGLISH LITERATURE (Half course). *Gawain and the Green Knight* (ed. Tolkien and Gordon) and *The Pearl* (ed. Gordon): a study of the texts and their literary background. Students who have not taken English 505a may not take this course except by special permission.

Mr. Puhvel

Second term.

507b. THE ARTHURIAN LEGEND (Half course). Studies in the origin and development of the Arthurian legend, and representative reading in Arthurian literature. Writers such as Geoffrey of Monmouth, Crestien de Troyes, and Marie de France are studied in translation.

Mr. Puhvel

Second term.

508b. CHAUCER (Half course). A study of the *Romaunt of the Rose*, the dream-vision poems, and *Troilus and Criseyde*, with a historical survey of the development and variations of the Troilus story.

Professor Hemlow

Second term.

512a. MARLOWE (Half course). A study of Marlowe's work in relation to the work of Peele, Greene, and Kyd, and of its possible influence on Shakespeare; with particular attention to *Dr. Faustus* and the critical problems connected with it.

Professor Walker

First term.

514a. SPENSER (Half course). The Renaissance theory of poetry and a study of *The Faerie Queene* in relation to its historical, philosophical, social, and literary backgrounds; with supplementary reading illustrative of the literary and intellectual climate of the Renaissance.

Professor Hemlow

First term.

516a. SHAKESPEARE (Half course). A study of *Hamlet*, its principal sources and main textual and interpretative problems; with prescribed reading from critical literature dealing with various aspects of the play.

Professor Walker

First term.

518b. BEN JONSON (Half course). A study of Jonson's work as a whole, dramatic, lyrical, and critical, with prescribed reading from the plays, poems, and masques, the *Discoveries* and *Conversations*, and from relevant critical literature.

Professor Walker

Second term.

522b MILTON (Half course). A study of *Paradise Lost*, *Paradise Regained*, and *Samson Agonistes*, and of the bearing of the earlier works on these major poems, with prescribed reading from the critical literature.

Professor Malloch

Second term.

524a. THE COMEDY OF MANNERS (Half course). Representative plays by Etherege, Wycherley, Congreve, and Farquhar, with a detailed study of *The Man of Mode*, *The Country Wife* and *The Way of the World*.

First term. *Professor Cecil*

526a. POPE AND SWIFT (Half course). A study of the satirical writings of Pope and Swift, with reference to the thought and literary traditions of the Augustan age.

First term. *Professor Klima*

528b. JOHNSON AND HIS CIRCLE (Half course). A study of the principal works of Dr. Johnson and of the literary and critical climate of his age, as revealed in the writings of Garrick, Reynolds, Burke, Boswell, the Burneys, and Mrs. Thrale.

Second term. *Professor Hemlow*

530a. WORDSWORTH AND COLERIDGE (Half course). A study of *The Prelude* and *The Excursion* and of their relationship both to Wordsworth's earlier poetry and to Coleridge's poetical theory and practice.

First term. *Professor Lucas*

532b. BROWNING (Half course). A selective study of the principal works, of the distinctive characteristics of Browning's art, and of the religious and intellectual tendencies reflected in his writing.

Second term. *Professor Lucas*

533a. THE VICTORIAN NOVEL. Studies in Dickens, George Eliot and Hardy.

First term. *Professor Lucas*

534a. HAWTHORNE, MELVILLE AND JAMES (Half course). A comparative study in the growth of an American tradition of novel-writing and in the development of its technical resources.

First term. *Professor Files*

536b. HOPKINS, YEATS AND ELIOT (Half course).

Second term. *Professor Heuser*

540. CROSS-CURRENTS BETWEEN ENGLISH LITERATURE AND THE EUROPEAN LITERATURES IN THE 18TH CENTURY (Full course). The influence of continental literature and criticism on the English neo-classicism of the 18th century and the influence of English literature and criticism on European writers from the time of Voltaire to the rise of Byronism. Reference is made to the works of French, German, and Italian writers. A reading knowledge of French is a prerequisite.

Professor Klima

DEPARTMENT OF ENTOMOLOGY

(Macdonald College)

Professors — D. K. KEVAN, *Chairman*; E. M. DU PORTE (*Post-retirement*)

Associate Professor — F. O. MORRISON

Assistant Professors — R. S. BIGELOW; J. E. MCFARLANE

Adequate laboratory and library facilities are available for the courses listed below and for research. Students are also recommended to take courses offered by the Department of Zoology either as part of their major work or as a cognate subject.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

60. INSECT MORPHOLOGY

(a) General Morphology.
1 colloquium and 4 laboratory hours. *Professor Du Porte*

(b) Embryology and Metamorphosis.
2 lectures. *Professor Du Porte*

61. TAXONOMY. Each student must bring to the class a collection of the group of insects on which he desires to work, and may devote the greater portion of his time to a study of this group.
2 lectures and 4 laboratory hours *Professor Bigelow*

62. INSECT PHYSIOLOGY
2 lectures and 4 laboratory hours. *Professor McFarlane*

63.* ECOLOGY
2 lectures, first term. *Professor McFarlane*

64. ECONOMIC ENTOMOLOGY

(a) Principles of Insect Control
2 lectures supplemented by colloquia. *Professor Morrison*

(b) Problems of Insect Control. *Professor Morrison*

65. MEDICAL AND VETERINARY ENTOMOLOGY
2 lectures, 3 laboratory hours per week for 1 term. A more extensive course may be arranged for students interested primarily in this subject.
Professor _____

* This course is also open to advanced undergraduates.

67. SEMINAR

One and one-half hours weekly. *Professor McFarlane and Staff*

68. BIBLIOGRAPHY OF ENTOMOLOGY

Weekly lecture and discussion, first term. *Professor Du Porte*

M.Sc. REQUIREMENTS

Candidates for admission must have had (1) satisfactory undergraduate training in mathematics, physics, chemistry, and biology; and (2) at least second class standing in the undergraduate courses in entomology given at Macdonald College or their equivalent.

For students who satisfy these conditions the minimum period of study is one year, for others two years, one of which is a qualifying year.

In addition to writing a thesis, the student will take such courses as are decided upon in consultation with the chairman of the department and his director of research. All students are required to take an active part in the seminar.

Ph.D. REQUIREMENTS

Students who have taken a high standing in the M.Sc. in Entomology at McGill University or its equivalent, may proceed to the Ph.D. degree in two additional years. Qualified students holding a B.Sc. degree may register directly for the Ph.D., but before being allowed to enter the Second year such students must pass a searching oral examination to determine their fitness to proceed.

It is strongly recommended, and may be required, that the Ph.D. candidate should spend one of the three years of full-time study at an approved university, or research institution, other than McGill.

The student is also required to spend the equivalent of two summer seasons in research work at a government laboratory or other approved research institution.

Research facilities are available within the fields covered by the courses listed. Candidates with special problems should consult the Chairman of the department before making formal application.

DEPARTMENT OF EXPERIMENTAL MEDICINE

Professors
RONALD V. CHRISTIE, *Chairman*
D. G. CAMERON

Associate Professors
JOHN C. BECK
E. H. BENSLEY
M. M. HOFFMAN
BRAM ROSE
ELEANOR H. VENNING

Assistant Professors

W. S. Bauld
L. G. Johnson
K. R. Mackenzie
A. Sehon

COURSES FOR THE DEGREE OF M.Sc. or Ph.D.

61. SEMINAR. 1 hour weekly throughout the session (to be registered for as Investigative Medicine 61).

62. ADVANCED ENDOCRINOLOGY (to be registered for as Biochemistry 62). 2 hours weekly throughout the session.

63. ADVANCED ENDOCRINOLOGY (to be registered for as Biochemistry 63). 2 hours weekly throughout the session.

Courses 62 and 63 are given in alternate years.

Course 62 will be given in 1958-59.

64. CLINICAL ENDOCRINOLOGY (to be registered for as Investigative Medicine 64). 1 hour weekly throughout the session.

65. PHYSIOPATHOLOGY. 1 hour weekly throughout the session.

66. PRINCIPLES AND METHODS OF CLINICAL INVESTIGATION (to be registered for as Investigative Medicine 66).

67. NEWER LABORATORY METHODS (to be registered for as Investigative Medicine 67). 2 hours weekly half session.

GENERAL STATEMENT

The Department offers courses leading to the degrees of M.Sc. and Ph.D. in the Faculty of Graduate Studies and Research and provides research facilities for these students or for other persons proceeding to graduate degrees, diplomas or for other qualified individuals.

The courses and the direction of research in this department are given in close collaboration with the Department of Investigative Medicine and members of either department give lectures and direct the research of graduate students registered in the other.

Students may work either in the University Clinic Montreal General Hospital, University Clinic Royal Victoria Hospital or in the Department of Investigative Medicine depending on the type of work done (clinical or laboratory) or upon the individual directing the research.

Work in the Division of Immuno-Chemistry and Allergy, University Clinic, Royal Victoria Hospital, which is under the direction of Dr. Bram Rose and Dr. Alec Sehon, is primarily directed towards the isolation and characterization of antigens and antibodies related to the common forms

of allergy. In addition to adequate ordinary laboratory facilities, special apparatus is available in the Donner Building, McGill, for the study of antibody-antigen interactions by immunochemical, histopathological and physico chemical methods, such as zone and free electrophoresis, preparative and analytical ultracentrifugation, etc. These techniques are also used for the identification of abnormal moieties present in sera from patients suffering from various diseases. The laboratory and clinical findings are presented at weekly discussions. In view of the complex nature of the problems and the diversified methods used, students from clinical as well as the basic science departments may pursue their graduate work in this Division. The course work and the research programme of each student are decided in consultation with the department in which he is registered for the M.Sc. or Ph.D. degree.

Students holding either the M.D. or the B.Sc. degree or its equivalent may enter the department provided that their standing is acceptable.

DEPARTMENT OF EXPERIMENTAL SURGERY

Professors — P. G. Rowe, *Chairman*; D. R. Webster

Project Director — S. C. Skoryna

COURSES FOR THE DEGREE OF M.Sc.

61. SEMINAR. Physiopathological principles in surgery.

62. SURGICAL ANATOMY. 1 hour weekly and demonstrations in anatomy laboratory to undergraduate medical students.

63. SURGICAL PHYSIOLOGY. 1 hour weekly.

64. SURGICAL PATHOLOGY. 1 hour weekly.

65. MEDICAL STATISTICS. 1 hour weekly.

GENERAL STATEMENT

The Department offers courses leading to the degree of M.Sc. in the Faculty of Graduate Studies and Research and provides facilities for graduate research in surgery. Arrangements may be made for students wishing to proceed to a Ph.D. degree.

A candidate for the degree of Master of Science in Surgery must possess an M.D. degree together with a better than average academic record. His previous interest and experience in investigative work is taken into consideration in the selection of such a candidate. The major part of the student's time shall be devoted to research in some special field of investigative work. A thesis covering this subject, judged chiefly upon its original quality, shall be the prime requisite for his degree.

In addition the student shall be required to attend certain courses of graduate instruction in the basic sciences. These courses are being given in co-operation with the Departments of Physiology and Pathology and the staff of the Teaching Hospitals of the University. Candidates are required to take comprehensive examinations in Experimental Surgery and Surgical Anatomy.

For the purpose of assisting the student's research, conferences are held frequently within the Department and a Surgical Journal Club is conducted weekly. The main research interests of the Department are at present: experimental carcinogenesis, cardiovascular surgery, gastroenterology, haemorrhagic shock and the effects of thermal injury. In addition, several research projects are conducted in surgical specialties and consideration will be given the particular interests of the candidate in the selection of the field of research.

DEPARTMENT OF FRENCH

Professor	J. E. L. Launay, *Chairman*
Associate Professor	Mme. P. L. Larivière
Assistant Professors	Mlle. Yvonne Champigneul
	Louis d'Hauteserve
	Mlle. M. Th. Reverchon
	André A. Rigault

COURSES FOR THE DEGREE OF MASTER OF ARTS

60. LA FONTAINE — *Professor Champigneul*
1 hour.

61. LA CRITIQUE LITTÉRAIRE (Histoire et Méthodes) — *Professor Launay*
2 hours.

62. PASCAL — *Professor Larivière*
1 hour.

63. EXERCICES PRATIQUES (Colloquia) — *Staff*
1 hour.

64. LA POÉSIE SYMBOLISTE — *Professor Reverchon*
1 hour

65. COURS DE TRADUCTION AVANCÉE — *Professor Launay*
2 hours.

*42. LA LITTÉRATURE ET LES IDÉES SOCIALES AU 19e SIÈCLE
3 hours. *Professor d'Hauteserve*

*44a. HISTOIRE DE LA LANGUE FRANÇAISE
1 hour. *Professor d'Hauteserve*
(*Given in 1959-60.*)

*44b. FRENCH STYLISTICS
2 hours. *Professor Launay*
(*Given in 1959-60.*)

*45. HISTOIRE DU ROMAN EN FRANCE
3 hours. *Professor Launay*

*46. HISTOIRE DE LA POÉSIE LYRIQUE EN FRANCE
3 hours. *Professor Larivière*
(*Given in 1959-60.*)

*47. LA LITTÉRATURE FRANÇAISE CONTEMPORAINE
3 hours. *Professor Larivière*

*48. ADVANCED PHONETICS
2 hours. *Professor Rigault*

Candidates for the Master's degree in French will take courses 60, 61, 62, 64, 65, and one course in the Department of English selected in consultation with the Chairman of the French Department.

The M.A. thesis must be written in French.

Students cannot normally obtain an M.A. in less than two years (one year for prerequisite courses, one year for research and writing of thesis). Students from other Provinces and States where the opportunities of speaking French are small may be required to take a Qualifying Year of studies before they are accepted by the Faculty as Graduate Students. During this Qualifying Year students are required to take at least two full undergraduate honours courses (which they must pass with second-class standing) and such other subsidiary courses (phonetics and translation) as the Department may direct. In certain cases students accepted for the Qualifying Year only may be advanced to full graduate standing at the end of the first term of the winter session if they have shown sufficient promise and ability in their first three months of work.

*These are also Honours Courses in the Faculty of Arts and Science.

Students from other universities applying for admission to the Graduate Faculty as French specialists must hold a B.A. degree with at least good second-class standing in French, or the equivalent. This must include an ability to speak French fluently, and a sound knowledge of French literature from 1600 to 1940. Whenever possible an interview will be arranged prior to admission to graduate standing.

REGULATIONS FOR THE MASTER OF ARTS DEGREE TAKEN IN THE FRENCH SUMMER SCHOOL

1. All work carried on towards an M.A. degree in the French Summer School is under the control and supervision of the Department of French in the Faculty of Graduate Studies of the University.

2. Requirements for the Master's degree:

(a) The student must hold the degree of B.A. from McGill University or from another institution of recognized standing, with at least second class honours in French, or the equivalent of second class honours in French as granted by McGill University—which must include an ability to speak French fluently, and a sound knowledge of French literature from 1600 to 1940.

(b) A student qualified as in 2 (a), must complete four sessions in the Advanced Section of the French Summer School with at least second class standing in the final examinations of each session.

(c) The student must prepare and present a thesis, written in French, which must be in some measure a contribution to knowledge. Its preparation is carried out under the direction of the French Department.

3. Students applying for admission to the Advanced Section of the Summer School, with the intention of proceeding towards the M.A. degree, should, as soon as possible, have a transcript of their academic record sent for appraisal to the Director of the School.

Students whose record is considered the equivalent of the B.A. degree with at least second class honours in French as granted by McGill University will be notified of their eligibility for future admission to the Faculty of Graduate Studies of the University. *At the end of their second session they will apply for admission to the Faculty as candidates for the M.A. degree, provided they have completed the course requirements for the first two sessions, but they will not register in the Graduate Faculty until the end of the fourth session; they must then register with the Dean as non-resident students, pending completion of the required thesis.* (See also Section 18 of the General Faculty regulations, page 2618.)

Students who hold a B.A. degree but whose record is not considered the equivalent of the McGill B.A. with at least second class honours in French, may be allowed to make up the deficiency by taking more courses during their third and fourth summer sessions. They will also be admitted to the Graduate Faculty at the end of the second summer session, provided that they have obtained at least a high second class standing in the courses of the first two summer sessions.

4. In the case of students of honours standing, the first summer session consists of five courses, the second of four courses, the third of three courses, and the fourth of two courses, each course consisting of three lectures per week. The decreasing number of courses through the four sessions enables the student to devote more time to the preparation of his thesis, which must begin in the third session at latest. Each student works under the guidance of a director of research who is a member of the French Summer School staff. The only listed course which may be taken for credit in more than one session is No. 31 Advanced Composition (see below).

Students may be required to take certain courses which are changed from year to year, and in any case:

30(a) and 30(b). FRENCH STYLISTICS. Students are advised to take this course during their second and third sessions.

31. ADVANCED COMPOSITION. A minimum mark of 65% must be obtained in the final examination of this course, irrespective of the final average for the set of courses taken during the session. The course must be repeated until this requirement has been met. As its material is varied each year, it can be taken a second summer for credit. If taken more than twice, it must then be carried as an extra course.

5. With the approval of the Graduate Faculty, one of the summer sessions, except the first, may be replaced by equivalent work in France or at another French Summer School.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates for this degree will not be accepted until further notice.

DEPARTMENT OF GENETICS

In Montreal

Professor	J. W. BOYES, *Chairman*
Associate Professor	F. C. FRASER
Assistant Professors	E. R. BOOTHROYD
	G. I. PAUL

Assistant Professor and Research Fellow	J. D. METRAKOS
Research Fellow	K. METRAKOS

At Macdonald College

Assistant Professors	R. I. BRAWN
	W. F. GRANT

Students in the following categories will normally be accepted for graduate studies in this Department:

1. Honours graduates in either Botany or Zoology at McGill who have completed at least one full course in Genetics and one full course in the non-honours subject of either Botany or Zoology.

2. Graduates of McGill who have taken a continuation in Genetics plus a minimum of two full courses in each of Zoology and Botany, who have an average standing of over 65%.

3. Students from other Universities or Agricultural Colleges who have records approximately equivalent to those of any of the above categories.

4. Students who have completed the General Honours Course in Biological Subjects with standing acceptable to this Department.

5. Students who have completed the Honours Course in Genetics.

Other students who have fulfilled part of the above requirements or have a sound knowledge of General Biology plus other special qualifications will normally be required to spend a qualifying session on an approved programme of studies.

The Department will welcome students from other fields of Biological Science or from Agricultural Institutions who are interested in familiarizing themselves with the significance of hereditary variables in their particular fields of interest.

With the co-operation of the Department of Botany and the Faculty of Agriculture adequate laboratory, greenhouse, field, and library facilities are available for research in Plant or Animal Genetics and Cytology. With the cooperation of the Department of Pediatrics and the Montreal Children's Hospital, facilities are provided for training in Human Genetics.

COURSES FOR HIGHER DEGREES

(Half course)

32a. CYTOLOGY

First term: 2 hours and a 3-hour laboratory period. *Professor Boothroyd*

36b. DEVELOPMENTAL GENETICS (Half course)
Second term: 3 hours. *Professor Fraser*

42b. MICROBIAL GENETICS (Half course). An analysis of recent progress in the genetics of microorganisms such as viruses, bacteria, yeasts, paramecia, algae, fungi, etc.
Second term: 3 hours. *Professor Grant*
(*Given in 1958-59.*)

43b. ADVANCED CYTOGENETICS (Half course)
Second term: 3 hours. *Professors Grant and Boothroyd*
(*Not given in 1958-59.*)

44. BIOMETRY (Full course). Applications of statistics to research problems in biology.
2 hours lectures and 3 hours of computation. *Professor Paul*

45a. GENETIC INTERPRETATION OF THE MECHANICS OF EVOLUTION (Half course)
First term: 3 hours. *Professor Boyes*
(*Given in 1958-59.*)

45b. POPULATION GENETICS (Half course). The rules governing the establishment of genetic equilibrium and the application of these rules to the study of evolution. Emphasis on human genetic studies.
Second term: 3 hours. *Professor Paul*
(*Given in 1958-59.*)

46a. THE GENETICS OF MAN (Half course). Principles of heredity and special techniques as applied to the study of man's genetic diversity will be considered at an advanced level.
First term: 3 hours. *Professor Metrakos*
(*Given in 1958-59.*)

48a. DESIGN OF EXPERIMENTS (Half course). General principles of experimentation, and designs appropriate to a wide variety of problems. Completely randomized, randomized blocks and Latin square designs: their purposes, design and analysis. Factorial experimentation, interaction, confounding, randomization and error terms. Complex experiments and an elementary treatment of incomplete block designs. Concomitant measurements, sensitivity and control of error variation. Examples drawn from biology.
First term: 2 hours and 3 hours laboratory (arranged). *Professor Paul*
Prerequisite: Genetics 44 or the equivalent.
Text: Fisher: The Design of Experiments (Oliver and Boyd).
(*Not given in 1958-59.*)

51. SEMINAR. Weekly reports by students and staff on current researches in Cytology and Genetics.

Courses in other Biological Sciences at McGill and courses in Plant Breeding or Animal Breeding at Macdonald College may be required when it is desirable to extend the student's general background or experience for a particular problem.

COURSES GIVEN AT MACDONALD COLLEGE

62a. CYTOLOGY (Half course). The protoplasmic organization of the cell.

2 lects., 1 lab., per wk., 1st term. *Professor Grant*

Prerequisite: Genetics 30 and 300.

62b. CYTOGENETICS (Half course). Considerations of genetical and cytological problems in self-incompatibility, linkage, polyploidy, interspecific and intergeneric hybridization, nullisomics, monosomics, etc.

3 lects. per wk., 2nd term. *Professor Grant*

Prerequisite: Genetics 30, 300 and 62a.

64b. STATISTICAL METHODS IN GENETICS (Half course). A presentation and discussion of statistical methods of analysing genetic changes in populations of domestic animals and plants, with particular reference to pedigrees, heterosis, selection, etc.

3 lects. per wk., 2nd term. *Professor Paul*

Prerequisite: Genetics 30 and 300.

(Not given in 1958-59.)

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Course 51 and four other courses from the above are required for the Master's degree in addition to a thesis on a research problem.

A sound knowledge of General Biology is prerequisite.

The research problem may be in Genetics, Cytology or Cytogenetics.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Only candidates who have shown indications of distinct research ability will be permitted to register for the Ph.D.degree. Course 51 must be taken in each year. See general regulations for further requirements.

DEPARTMENT OF GEOGRAPHY

Professor	F. K. HARE, *Chairman*
Associate Professors	J. B. Bird
	S. ORVIG
Assistant Professors	R. N. DRUMMOND
	T. L. HILLS
	J. L. IVES
	W. F. SUMMERS
Lecturer	G. H. MICHIE
Honorary Lecturer	G. JACOBSEN

The Geography Department offers the degrees of M.A., M.Sc. and Ph.D. in Geography, and (in special circumstances) the M.Sc. and Ph.D. degrees for work in Meteorology.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

The following candidates will be eligible to proceed to the degree after one resident session at McGill:

(1) students holding the Honours B.A. of McGill University in Geography;

(2) students from other universities having Bachelor's degrees with a comparable specialization in Geography, together with the important cognate subjects.

Other candidates with degrees in Geography at McGill and other universities may proceed to the degree after one resident session, if, in the opinion of the Chairman, they can make good the deficiencies in undergraduate training in that session, or at the Geography Summer School. These candidates will not, however, be eligible to submit their theses for the May Convocation in that session.

Students with primary undergraduate specialization in a cognate field may, in certain circumstances, register for the M.A. degree in Geography, but will in general be required to register for a qualifying year, and will not be able to submit their theses until the end of the second resident year.

Candidates must

(1) pass written (and in some cases oral) examinations in at least two of the graduate courses listed below;

(2) attend such courses in Geography or cognate subjects as the Chairman and the student's director of research think fit;

(3) submit a thesis in the fields of Human Geography, or in those parts of Geography having a significant bearing on settlement, including planning;

(4) comply with the general field-work requirement (see below).

The quality of the thesis will determine the final standing of the student.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

The following candidates will be eligible to proceed to the degree after one resident session at McGill:

(1) students holding the Honours B.Sc. of McGill University in Geography;

(2) students from other universities having Bachelor's degrees with a comparable specialization in Geography, together with the important cognate subjects.

Other candidates with degrees in Geography from McGill and other universities may proceed to the degree after one resident session, if, in the opinion of the Chairman, they can make good the deficiences in undergraduate training in that session, or at the Geography Summer School. These candidates will not, however, be eligible to submit their theses for the May Convocation in that session.

Students with primary undergraduate specialization in a cognate field may, in certain circumstances, register for the M.Sc. degree in Geography, but will in general be required to register for a qualifying year, and will not be able to submit their theses until the end of the second resident year.

Candidates must

(1) pass written examinations in at least two of the graduate courses listed below:

(2) attend such courses in Geography or cognate subjects as the Chairman and the student's director of research think fit;

(3) submit a thesis in the fields of Physical Geography, or Cartography;

(4) comply with the general field-work requirement (see below).

The quality of the thesis will determine the final standing of the student.

THE MASTER OF SCIENCE DEGREE IN METEOROLOGY

A limited number of students who have adequate training in Mathematics and Physics, and who have access to facilities for research in Meteorology, may be accepted as candidates for the Master of Science degree in that subject.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Students who have attained high standing in the Master's degrees in Geography at McGill University, or have equivalent qualifications, may be permitted to proceed to the Ph.D. in two further years. In exceptional circumstances a student may be allowed to register for the Ph.D. without having first taken the Master's degree. Students are advised that in field subjects at least two summers of field work will normally be required.

Except in special circumstances the Department will restrict admission to the Ph.D. course to students prepared to work in one or other of the following fields: the physical, human and regional geography of North America, Europe and the Arctic; historical geography and the history of geographical discovery of North America; climatology and meteorology; glaciology; certain aspects of tropical geography.

A broad familiarity with the entire field of geography will be assumed in all students who register for the Ph.D. In their preliminary examinations, they must show professional competence, and will be judged as to their familiarity with the literature, methods, and organization of modern geography.

Candidates must

(1) remedy any deficiencies in their formal course-work in Geography to the Master's level, and must also ensure that they have adequate training in the important cognate subjects;

(2) submit themselves for written (and in some cases oral) examinations in five broad fields. These *preliminary examinations* must be chosen as follows: two (known as Geography 71 and 72) from physical geography, advanced physiography, advanced climatology, and cartography; two (known as Geography 73 and 74) from human geography, economic geography, political geography, historical geography, history of geographical thought and regional theory; one (known as Geography 75) on a major region of the earth (viz., North America, Europe, etc.);

(3) submit a thesis in one of the fields listed above; and

(4) comply with the general field-work requirement (see below).

To comply with requirements (1) and (2) above, the candidate may take any of the graduate or undergraduate courses offered by the Department.

THE DOCTOR OF PHILOSOPHY DEGREE IN METEOROLOGY

In special cases, students who possess adequate qualifications in meteorology may register for the Ph.D. in that subject. Such students will normally carry out their work in the Departments of Physics or

Geography. The ordinary requirements of the Ph.D. degree will apply. Enquiries concerning this degree should be addressed to the Chairman of the Geography Department.

GRADUATE COURSES OR SEMINARS

(all courses one meeting weekly)

60 and 61. Special graduate courses given at Knob Lake Research Laboratory.

Professor Ives

62. HISTORICAL GEOGRAPHY OF A SELECTED AREA IN NORTH AMERICA

The nature of historical geography and its development in recent years. The principles of historical geography are applied to a study of cultural landscape evolution in a restricted area of eastern Canada or United States.

The Staff

63a. CLIMATIC CHANGE WITH SPECIAL REFERENCE TO THE POSTGLACIAL EPOCH (Half course).

The concept of normal climate. The Pleistocene aberrations; glacial and pluvial climates and the interglacials. Postglacial sequences in North America and Europe; the thermal maximum. The recent climatic fluctuations. Causes of climatic change.

First term.

Professor Hare

63b. PHYSICAL CLIMATOLOGY (Half course).

The energy and moisture balance of the atmosphere with particular reference to the layers very close to the ground.

Second term.

Professors Orvig and Hare

64. DYNAMIC CLIMATOLOGY WITH SPECIAL REFERENCE TO THE POLAR CLIMATES.

Dynamic climatology as the empirical study of the general atmospheric circulation. Regional circulation over polar regions. Techniques of analysis.

Professors Hare and Orvig

65. THE PHYSICAL GEOGRAPHY OF A SELECT AREA OF NORTH AMERICA

An analysis of the evolution of the physical landscape of a small area in North America. The course makes considerable use of topographic maps and air photographs and requires the student to apply physiographic theory to actual areas.

Professor Bird

66. CARTOGRAPHY, WITH PARTICULAR REFERENCE TO SPECIAL PURPOSE MAPS

Survey of modern topographical maps of leading countries. Study of features and phenomena of physical and human geography on topographical maps of several countries. Comparison and appreciation of maps.

67. THE GEOGRAPHY OF THE ARCTIC

A study of Northern Lands with particular reference to Arctic Canada. Equal time will be devoted to the physical evolution and special characteristics of northern areas; and to the human response to the environment and recent economic development.

Professor Bird

68. REGIONAL GEOGRAPHY OF A SELECTED AREA

An advanced course designed to illustrate the processes of regional study.

The Staff

69. METHODS OF GEOGRAPHICAL RESEARCH

A review by the staff of the accepted methods of research in geographical problems, in both physical and human fields. Emphasis will be laid upon inadequacies in the existing methodology. The approach will be practical, and will require the presentation of formal research papers for criticism and discussion.

The Staff

71-75. PH.D. PRELIMINARIES (see above).

FIELD WORK REQUIREMENT

The Geography Department normally holds either an annual field trip immediately before the beginning of the session, to an area of geographical interest in either Eastern Canada or the Northeastern United States, or a series of local field excursions during the fall term. All students in residence will participate in these field studies.

McGILL SUBARCTIC RESEARCH LABORATORY

This laboratory (under the resident direction of Professor J. D. Ives) is at Knob Lake (Schefferville), in the heart of Labrador-Ungava. Facilities exist for research in most aspects of physical geography, and there is a resident staff of five research assistants. Extensive summer field programmes are arranged. Two graduate courses (Geography 60 and 61) are offered. All enquiries should be addressed to the Chairman, Geography Department.

DEPARTMENT OF GEOLOGICAL SCIENCES

Professors	T. H. Clark, *Chairman*
	J. E. Gill
	E. H. Kranck
Associate Professors	J. E. Riddell
	J. E. Stevenson
Assistant Professors	J. A. Elson
	V. A. Saull
	C. W. Stearn
Lecturer	H. Dehn
Research Associates	M. J. Rickard
	G. R. Webber

GENERAL STATEMENT

Entrance to graduate work in Geological Sciences may be through the course in Mining Engineering (B.Eng. with good second class standing) or through the B.Sc. course in Geological Sciences (honours Geology, or high second class standing in the General Course).

Students who have not passed courses in Surveying, Calculus, Electricity and Magnetism (or Advanced General Physics), Geophysics, Physical Chemistry, and Chemical Analysis must do so before being eligible for an advanced degree. They must also present evidence of having done satisfactory field work under competent direction for at least one summer.

REQUIREMENTS FOR THE DEGREES OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

Candidates for the degree of Master of Science who have not satisfactorily completed courses equivalent to the undergraduate courses listed below must make up any deficiency and, in addition, take graduate courses A, B, E, and one other as advised. The thesis must conform to the general regulations. (For the degree of M.Sc.(Applied) see below on page 2695.)

Courses for the Degree of Doctor of Philosophy will be selected from the list of graduate courses according to the student's particular interest, on the advice of his director of research. The thesis must conform to the general regulations.

UNDERGRADUATE COURSES

231c. FIELD GEOLOGY (Fac. Eng. 1165). Surface and underground geological field survey methods. Preparation of geological maps, sections, models, and reports from field notes, diagrams, aerial photographs, etc.

Two-week field school in May. *Professor Riddell*

Prerequisites: Geology 121, 221, Surveying 324 and 352, Mining 761.

References: Lahee, Field Geology (McGraw-Hill) 5th edition; McKinstry, Mining Geology (Prentice-Hall).

232b. STRUCTURAL GEOLOGY (Fac. Eng. 1166). A systematic survey of rock structures, their origins and practical importance. Laboratory periods will be devoted to practical problems.

Second term: 2 hours and 1 laboratory period. *Professor Riddell*

Prerequisites: Geology 121, 221.

Reference: Billings, Structural Geology (Prentice-Hall) 2nd edition.

331a. OPTICAL MINERALOGY. A study of the optical properties of non-opaque minerals. The laboratory course gives practice in the determinations of these properties, using the polarizing microscope, oriented sections of minerals, and stressing oil-immersion techniques.

First term: 2 lectures and 3 hours laboratory. *Professor Stevenson*

Prerequisites: Geology 121, 221.

References: Larsen and Berman, Microscopic Determination of Non-opaque Minerals, 1934, Bull. 848 U.S. Geol. Surv.; Wahlstrom, Optical Crystallography (Wiley, 1951); Winchell, Elements of Optical Mineralogy, Part I (Wiley, 1937); Ford, Dana's Textbook of Mineralogy (Wiley, 1932).

332a. PETROLOGY (Fac. Eng. 1144). The common igneous, sedimentary, and metamorphic rocks are described and their modes of occurrence discussed. In the laboratory, the student learns to identify such rocks by methods used in the field.

First term: 2 hours and 1 laboratory period. *Professor Kranck*

Prerequisites: Geology 121, 221.

Textbook: Tyrrell, The Principles of Petrology, 1949.

333b. PETROGRAPHY (Fac. Eng. 1148). The examination and identification of rock minerals and rocks by means of the petrographic microscope.

Second term: 2 hours and 1 laboratory period. *Professor Kranck*

Prerequisite: Geology 332a.

Textbook: Rogers and Kerr, Optical Mineralogy *or* E. E. Wahlstrom, Petrographic Mineralogy, 1955; Williams, Turner, Gilbert, Petrography, 1954.

341b. PALEONTOLOGY. The development of ideas concerning the origin of fossils. Kinds of fossils; collecting, preparation, and naming of fossils. Brief survey of systematic paleontology, following the standard biological

classifications, with emphasis on fossil animals. The stratigraphic and economic importance of paleontology. The influence of paleontology upon the doctrine of evolution.

This course may be omitted as a requirement for some M.Sc. students.

Second term: 2 lectures and 2 hours laboratory and 1 full day's field work in April. *Professor Clark*

Prerequisite: Geology 121 or Biology 100.

342a. GEOMORPHOLOGY. A study of the surface features of the earth and the processes involved in their origin and modification. Weathering and erosional processes, erosional and depositional landforms produced by water, wind, and glaciers. Problems such as erosion surfaces, cross-axial streams and interpretation of rock structure are emphasized.

First term: 2 lectures and 1 laboratory period. *Professor Elson*

Prerequisite: Geology 121.

Textbook: Thornbury, Principles of Geomorphology (Wiley).

343a. STRATIGRAPHY. The principles of sedimentation. Weathering; sources and origin of sedimentary rocks; significance of their textures and structures The structural relationship of strata; areal distribution of sedimentary rocks. Reference is made throughout the course to matters of economic importance.

First term: 2 hours, 2 hours laboratory, and 2 full days of field work during October. *Professor Clark*

Prerequisite: Geology 121, 221.

Textbooks: Twenhofel, Principles of Sedimentation, 2nd ed., 1950; Pettijohn, Sedimentary Rocks (Harper).

344b. MINERALOGRAPHY. Identification of ore minerals in polished sections by means of the reflecting microscope; interpretation of their textural relationships and paragenesis.

This course may be omitted as a requirement for some M.Sc. students.

Second term: 2 lectures and 3 hours laboratory. *Professor Stevenson*

Prerequisites: 331a or permission of instructor.

Texts: Short, Microscopic Determination of the Ore Minerals, U.S. Geological Survey Bulletin 914, 1940; Uytenbogaardt, Tables for Identification of Ore Minerals, 1951 (Princeton University Press).

345b. CORRELATION. Stratigraphic terminology. Correlation by lithological means: facies changes, sub-surface geophysical methods, etc. Correlation by fossils, micropaleontologic methods, facies faunas, paleontologic

limitations. Paleogeography and paleogeology. Throughout the course special consideration will be given to correlation as developed by the petroleum geologist.

Second term: 2 lectures, 2 hours laboratory, and 2 days field work during April or May. *Professor Stearn*

Prerequisite: Geology 121, 233b, 343a.

Text: Krumbein and Sloss, Stratigraphy and Sedimentation (Freeman).

441. ORE DEPOSITS (Fac. Eng. 1182). Nature, origin, mode of occurrence, and classification of deposits of metallic and of important non-metallic minerals; typical occurrences; geographical distribution.

2 lectures and 1 laboratory period. *Professor Gill*

Prerequisites: Geology 231c, 232b, 332a.

Text: Bateman, Economic Mineral Deposits (Wiley).

443b. EARTH PHYSICS (Half course). Physical properties of the earth and the processes associated with its existence, as inferred from astronomy, geodesy, seismology, geology, meteorology, terrestrial magnetic and thermal effects, geochemistry, etc. Hypotheses and theories based upon or explaining the above. Critical evaluation of these hypotheses and theories.

Second term: 3 lectures per week, one of which may be replaced by a conference. *Professor Saull*

Prerequisites: Physics 47a, or permission of the instructor.

444. GEOLOGY OF NORTH AMERICA (Fac. Eng. 1180). The geological history, geomorphology, and mineral resources of the natural subdivisions of North America are described. In the laboratory the evolution of life through the ages, and geological maps of North America, are studied.

2 lectures and 1 two-hour laboratory period per week.

Professors Elson, Riddell and Stearn

Prerequisites: Geology 231c, 232b, 332a, 333b.

Texts: Geology and Economic Minerals of Canada (Geological Survey of Canada, 4th ed., 1957).

GRADUATE COURSES

A. STRUCTURAL GEOLOGY

2 hours per week and assigned problems. *Professor Gill*

B. GEOLOGICAL COLLOQUIUM

This course must be taken by all graduate students in Geology in the First and Second years. *Professors Saull and Stearn*

C. APPLIED GEOCHEMISTRY
2 lectures and 3 hours laboratory per week. *Professor Riddell*

D. MINERAL EXPLORATION PROBLEMS
1 lecture and 2 hours laboratory per week. *Professor Riddell*

E. PETROLOGY AND PETROGRAPHY
3 hours and laboratory. *Professor Kranck*

Textbooks: Bowen, Evolution of Igneous Rocks (Princeton University Press); Barth, Theoretical Petrology (Wiley); Turner and Verhoogen, Igneous and Metamorphic Petrology (McGraw-Hill).

F. GEOLOGY OF PETROLEUM
1 lecture and 1 hour seminar per week. *Professors Clark and Stearn*

G. MINE PETROGRAPHY
1 lecture and 3 hours laboratory per week. *Professor Kranck*

H. MINING GEOLOGY
2 hours per week and assigned problems. *Professor Gill*

I. GEOLOGY AND PROBLEMS OF THE PRE-CAMBRIAN
1 hour seminar per week and assigned problems. *Professor Gill*

J. FIELD METHODS AND PROBLEMS
1 hour seminar with assigned problems. *Professor Riddell*

L. ADVANCED PETROLOGY AND PETROGRAPHY
Seminar and at least 9 hours laboratory work per week.
Hours to be arranged. *Professor Kranck*

M ADVANCED MINERALOGY
3 hours seminar and laboratory per week. *Professor Stevenson*

N. ADVANCED STRATIGRAPHY
Hours to be arranged. *Professors Clark and Stearn*

O. ADVANCED GEOMORPHOLOGY
Lectures and seminars, 2 hours per week and assigned problems. *Professor Elson*

Textbook: Thornbury, Principles of Geomorphology (Wiley 1954).

P. ADVANCED PALEONTOLOGY
Hours to be arranged. *Professor Clark*

Q. ADVANCED ECONOMIC GEOLOGY
1 hour seminar per week and assigned problems. *Professor Gill*

R. ADVANCED STRUCTURAL AND DYNAMICAL GEOLOGY
At least 2 hours seminar per week.

S. GEOCHEMISTRY
2 lectures, and one laboratory period per week. *Professor Saull*

T. SEDIMENTARY PETROGRAPHY
Seminar, hours to be arranged. *Professor Stearn*

U. GLACIAL AND PLEISTOCENE GEOLOGY
2 lectures per week and assignments. *Professor Elson*

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE (APPLIED)

The general aim of this two-year course is to train students to be capable of planning and carrying out effective exploration for mineral deposits, and of valuing mineral deposits in various stages of development and production. Such students must be provided with:

(1) a sound theoretical and practical background in the use of modern techniques of exploration,

(2) additional information on the economic and technical considerations which distinguish ore bodies from other mineral deposits,

(3) some insight into the legal and financial aspects of mineral exploration.

During the First year Geology graduates and Mining graduates will take different courses, the result being to bring both groups to a common level. In the Second year, with one minor exception, the work will be the same for the two groups.

Honours Geology Graduates—First Year

Geology A (Structural Geology)
Geology B (Geological Colloquium)
Geology J (Field Methods and Problems)
Mining 762 (Mining Engineering)
Mining 768 (Mineral Dressing)
Mining 770 (Ore Analysis)
Mining 782 (Mine Design)
Mining 784 (Mine Finance and Cost Control)
Physics 23 (Electricity and Magnetism)
Physics 23L (Electricity and Magnetism, laboratory)
Physics 24 (Dynamics)
Physics 25 (Statics and Hydrostatics)

Mining Engineering Graduates—First Year

Geology 331a (Optical Mineralogy)
Geology 333b (Petrography)
Geology 341b (Palaeontology)
Geology 342a (Geomorphology)
Geology 343a (Stratigraphy)
Geology 344b (Mineralography)
Geology 345b (Correlation)
Geology A (Structural Geology)
Geology B (Geological Colloquium)
Geology J (Field Methods and Problems)

Common Second Year

Geology C (Applied Geochemistry)
Geology D (Mineral Exploration Problems)
Geology F (Geology of Petroleum) *or*
Geology I (Pre-Cambrian)
Geology G (Mine Petrography)
Geology H (Mining Geology)
Metallurgy G608 (Metallurgical Economics)
Physics 71 (Applied Geophysics)
Geology 341b (Palaeontology) } for Honours Geology graduates only
Geology 344b (Mineralography) }

Candidates obtaining this degree with distinction may be accepted as candidates for the Ph.D. degree.

DEPARTMENT OF GERMAN

Professor H. S. Reiss
Assistant Professor Bertha Meyer

PREREQUISITES

In order to be admitted to graduate work in German the candidate must have a B.A. degree with Honours in German and at least second class standing from McGill University, or an equivalent B.A. degree from another College or University of recognized standing.

In estimating the quality and contents of the required undergraduate work the following factors must be borne in mind:

1. The candidate must be able to understand and read German. He must be able to speak it fairly fluently and to write it correctly. Lectures and Seminars are conducted in German. The thesis must (save in exceptional circumstances) be written in German, under the supervision of the Department.

2. Prerequisite literary studies include:

(a) A survey of German literature from its beginnings to the 20th century, with emphasis upon developments since Lessing, supplemented by collateral readings (equivalent to two full courses).

(b) A more detailed study of several special fields. In this respect the undergraduate curriculum of McGill University comprises one full course in the history of the tragedy (one year), one half course in the German lyric, and one half course on Goethe's Faust. Substitutes for these, if found satisfactory, will be honoured by the Department.

(c) A full course in the Middle High German Language and the reading of selected passages from Middle High German Literature (one year).

COURSES FOR THE DEGREE OF MASTER OF ARTS

61. GOETHE

1 meeting weekly.

62. LESSING

1 meeting weekly. *Professor Meyer*

63. GERMAN ROMANTICISM

1 meeting weekly.

65. TWENTIETH CENTURY LITERATURE

1 meeting.

66. MIDDLE HIGH GERMAN LITERATURE AND THE HISTORY OF THE GERMAN LANGUAGE

Two courses must be taken: German 61 and either German 62, 63, 65 or 66.

If the candidate has never taken the undergraduate course in Middle High German Language and Literature or its equivalent, he must make up this deficiency.

As a rule the candidate is advised not to attempt to complete the course work and finish the thesis in one winter session. The best arrangement is: Course studies during the winter session, thesis during the summer, graduation in the autumn.

NOTICE TO CANDIDATES FOR THE Ph.D. DEGREE IN OTHER ARTS OR SCIENCE SUBJECTS

Ph.D. candidates who have to pass a reading test in German and who have the equivalent of one college year of German may join German 4 in the Faculty of Arts and Science. This is a full course, meeting twice a week. At first some time will be devoted to teaching the method of translation, the rest of the time to the actual translation of texts chosen from the various fields of interest. Both the natural sciences and the

Arts will be represented in the choice of texts. Interested Ph.D. candidates are advised to take this course during the session preceding the year in which they take their language test.

The course meets on Monday and Friday at 12 o'clock.

Required textbook: C. V. Pollard, The Practical Solution to German Translation.

DEPARTMENT OF HISTORY

Professor — H. N. FIELDHOUSE, *Chairman*

Associate Professors — C. C. BAYLEY; J. I. COOPER; W. S. REID

Assistant Professors — M. MLADENOVIC; P. ZAGORIN

The Honours B.A. in History, which is prerequisite to Graduate work in the subject, may be taken in History alone or in History and another subject. When it is taken in History alone, it requires twelve full courses in European, Canadian, British, and U.S. history, taken in a prescribed sequence, together with certain other approved courses, notably in foreign languages. It also requires the investigation, continued through two years, of a Special Subject which is studied intensively from original sources. Graduate students who enter without this qualification may find it necessary to make good any deficiency in their preparation and the Department is prepared to make this possible.

COURSES FOR THE DEGREE OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

Candidates both for the M.A. and for the Ph.D. are required to take Seminar A, and to take the prescribed examination.

A. HISTORICAL METHOD AND THE PHILOSOPHY OF HISTORY
The members of the Department

In addition, the Department is prepared to direct the research of graduate students in the following fields:

British History:

(a) English history in the later Middle Ages. (Seminar B)
(b) English and Scottish History in the XVI Century. (Seminar D)
(c) English history, 1688-1760. (Seminar F)
(d) English history, 1870-1914. (Seminar G)
(e) Certain aspects of English economic history (Seminar E)
(f) Certain aspects of British foreign policy since 1815. (Seminar K)

European History:

(a) The constitutional development of the Holy Roman Empire in the XIII century. (Seminar C)

(b) The history of western Europe 1870-1914. (Seminar H)

(c) Certain aspects of the history of Slavonic Europe (Seminar N)

Canadian History:

(a) The social and economic history of Montreal, 1867-1900 (Seminar L)

(b) The history of Lower Canada and Quebec in the XIX Century. (Seminar J)

The Redpath Library is well equipped with printed sources for the periods and subjects mentioned above, and students pursuing research in Canadian History will be required, as occasion arises, to avail themselves of the manuscript resources of the Dominion Archives at Ottawa and the Provincial Archives at Quebec, and of parochial and other records in Montreal and its vicinity.

In the case of the Ph.D. degree, the Department may require candidates to spend one year in research at another university or repository of archives.

The preliminary Ph.D. examination will be replaced by a report from the Department on the general work and ability of each candidate and by a general examination on the historical background of the subject of the thesis; this examination can be taken either at the end of the first year or during the second, as decided by the director of the candidate's studies.

Candidates for the degree of Doctor of Philosophy should consult the Department as to the selection of the two foreign languages in which they propose to be examined, as these must be chosen for their bearing upon the candidate's special field of research.

DEPARTMENT OF HORTICULTURE

(Macdonald College)

Associate Professor H. R. MURRAY, *Chairman*

Assistant Professors JEAN DAVID
C. D. TAPER

Lecturer P. M. HARNEY

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. POMOLOGY
Lectures and colloquium, 3 hours; laboratory, 3 hours. (2 terms)

B. VEGETABLE CROPS
Lectures and colloquium, 3 hours; laboratory, 3 hours. (2 terms)

C. FRUIT AND VEGETABLE PRESERVATION
Lectures and colloquium, 3 hours; laboratory, 3 hours. (2 terms)

D. EXPERIMENTATION. (See Course 60—Department of Agronomy)

E. PLANT PHYSIOLOGY. (See Course 61—Department of Botany)

F. ADVANCED GENETICS AND CYTOLOGY. (See Course 43b—Department of Genetics)

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

1. A candidate must select either course A or course B or course C. If he selects A or B he must take in addition Agronomy 60 (Experimentation) and at least one further course such as Botany 61 (Plant Physiology) or Genetics 43b (Advanced Genetics and Cytogenetics). If he selects course C he must take in addition Botany 61 (Plant Physiology), Bacteriology 34 (Food Microbiology), and either Chemistry 451 (Chemistry of Foods and Feeding Stuffs) or Chemistry 452 (Advanced Food Analysis).

2. The research problem must be approved by the Departments involved, each candidate being jointly responsible to the Department of Horticulture and to some other Department, such as Botany, Genetics, or Plant Pathology, approved by the Faculty for his case.

3. The candidate must spend one summer in the Department before or during the course, or have its equivalent at some other approved institution.

DEPARTMENT OF INVESTIGATIVE MEDICINE

Professor — J. S. L. BROWNE, *Chairman*

Lecturers — INGE DYRENFURTH
C. J. P. GIROUD
N. KALANT

COURSES FOR THE DEGREE OF M.Sc. or Ph.D.

61. Seminar 1 hour weekly throughout the session.

62. ADVANCED ENDOCRINOLOGY
(to be registered for as Biochemistry 62).
2 hours weekly throughout the session.

63. ADVANCED ENDOCRINOLOGY
(to be registered for as Biochemistry 63).
2 hours weekly throughout the session.
Courses 62 and 63 are given in alternate years.
Course 62 will be given in 1958-59.

64. CLINICAL ENDOCRINOLOGY
1 hour weekly throughout the session.

65. PHYSIOPATHOLOGY
(to be registered for as Experimental Medicine 65).
1 hour weekly throughout the session.

66. PRINCIPLES AND METHODS OF CLINICAL INVESTIGATION
1 hour weekly throughout the session.

67. NEWER LABORATORY METHODS
2 hours weekly half session.

GENERAL STATEMENT

The Department offers courses leading to the degrees of M.Sc. and Ph.D. in the Faculty of Graduate Studies and Research and provides research facilities for these students or for other persons proceeding to graduate degrees, diplomas or for other qualified individuals.

The courses and the direction of research in this department are given in close collaboration with the Department of Experimental Medicine and members of either department give lectures and direct the research of graduate students registered in the other.

Students may work either in the Medical Building or in one of a number of hospitals depending on the type of work done (clinical or laboratory) or upon the individual directing the research. Part of the function of the department is the correlation of clinical investigation being done at various hospitals.

Students holding either the M.D. or the B.Sc. degree or its equivalent may enter the department provided that their standing is acceptable.

INSTITUTE OF ISLAMIC STUDIES

Professor W. C. SMITH, *Director of the Institute*
Visiting Professor A. 'A. A. FAYZI ("*Fyzee*")
Associate Professors NIYAZI BERKES (*on Orient leave, 1958-59*)
KEITH A. CALLARD
FAZLU-R-RAHMAN

Research Associates

CHARLES J. ADAMS
PHILIP R. BARKER
THOMAS HODGKIN
KHALID BIN SA'ID ("*Sayeed*")

Librarian

W. J. WATSON

The Institute offers courses and undertakes to direct research in preparation for the M.A. degree in Islamic Studies, as well as conducting research at a more advanced level. It is planned that the number of Muslims and of Westerners should at all levels be approximately equal. Joint participation, both of students and staff, is a feature of the seminars. Two years of resident study are normally required for the M.A.

The Institute gives special emphasis to Islam as a religion, and to present-day developments in the Muslim world. Through co-operative study, its endeavour is to understand Islam as a contemporary and living force. It is concerned also to discover and explore possible avenues of mutual understanding between Islam and Christianity.

Candidates for degrees in Islamic Studies may, with the consent of those departments, be permitted or required to take relevant courses offered by the Departments of History, Economics and Political Science, Philosophy, Comparative Religion, etc. In special cases also these departments recognize participation in relevant courses offered by the Institute as contributing to their own advanced degrees. Such participation by students from other departments is welcomed by the Institute.

The Institute stresses competence in language. At the M.A. level, one Islamic language is required; of Muslim students, one Islamic language other than their own. For doctorate work, all students, Muslim and Western, must have a reading knowledge of *both* French and German (for access to western scholarship on Islam) *and* two Islamic languages, of which one will normally be Arabic.

(A) RESEARCH SEMINARS: ISLAM IN THE MODERN WORLD

Each year, approximately two research seminars are planned on modern developments in Islam in particular areas (such as: the Arab world, Turkey, Iran, India and Pakistan, Indonesia).

1. ISLAMIC DEVELOPMENTS IN THE MODERN ARAB WORLD

The Wahhabi movement; the Sanusi movement; Jamal al-Din al-Afghani; Muhammad 'Abduh; the Azhar; the modernists; the Ikhwan al-Muslimun. The relation between the Islamic and the Arabist factors in modern nationalism.

2 hours.

2. THE DEVELOPMENT OF SECULARISM IN MODERN TURKEY

An analysis of the transition from Ottoman institutions and ideas to those of contemporary Turkey. Beginning with the eighteenth century background of the early attempts at reform, attention is given to the changes during the *Tanzimat*, "Young Turk", and Republican periods, as a preparation for an understanding of contemporary problems raised by secularization.

2 hours. (*Not given in 1958-59.*) *Professor Berkes*

3. MODERN TRENDS IN ISLAM IN INDIA AND PAKISTAN

Islamic developments in India, from the eighteenth century to the emergence of Pakistan.

2 hours. *Professor Fazlu-r-Rahman*

Texts: Shah Waliyullah, *Hujjat Allah al-Balighah*, *Tafhimat Ilahiyah*, Isma'il Shahid, *'Abaqat;* Sir Sayyid Ahmad Khan, *Tafsir*, *Laykcharz ka Majmu'ah;* Amir 'Ali, *The Spirit of Islam;* Iqbal, *Reconstruction*, and the poetical works; Abu-l-Kalam Azad, *Tarjumanu-l-Qur'an;* Mawdudi, selected writings; Pakistan constitutional documents.

9. ISLAM IN RECENT HISTORY

A survey of major movements from the eighteenth century to the present, with an endeavour to elicit a common pattern, and to gain insight into the significance of the chief deviations. A conspectus of the Islamic world's response to internal decline in the eighteenth century and external encroachment in the nineteenth; and of the use of freedom, in theory and in practice, in the twentieth. A comparative study of liberal developments, nationalism, etc.

The documentation for this seminar will be an expanded form of the bibliography given for chapter 2 of Smith, *Islam in Modern History.*

2 hours. *Professor Smith*

(B) SEMINARS ON THE HERITAGE OF CLASSICAL ISLAM

11. HISTORICAL DEVELOPMENT OF ISLAMIC THEOLOGY

An endeavour to understand and appreciate, and to make intelligible in contemporary terms, significant attempts of Muslims at different periods in the past to give intellectual expression to their faith. For 1958-59, special reference to the concepts "iman" and "islam" and the relation between them; as discussed in representative classical and mediaeval Muslim writers, and an endeavour to clarify the significance of the discussions. For the modern period, a consideration of the relative role of *iman* and *Islam* in, for instance, Pakistan.

2 hours. *Professor Smith and Staff*

12. AL-GHAZZALI

The historical background. His life. His writings; viewed in relation to the context out of which they emerged, and considered also for their potential significance for Muslims to-day.

Professor Fazlu-r-Rahman

2 hours.

14. THE SOCIAL INSTITUTIONS OF ISLAM—(2) Law

The development of Muslim law in India, with special reference to 'Abdu-l-Hayy Lakhnawi.

Professor Fayzi ("Fyzee")

2 hours.

25. READINGS IN THE CLASSICAL ARABIC PHILOSOPHERS

A consideration of the development of philosophic thought among the Muslims, and its relation to the late Greek background; with special reference to Ibn Sina (Avicenna). Some of his writing, especially the *Kitab al-Najat*, or al-Ghazzali's *Tahafut*, will be read in Arabic. The role of *falsafah* in classical Islamic culture and thought.

Professor Fazlu-r-Rahman

3 hours.

(C) PAKISTAN

31. POLITICAL FORCES IN PAKISTAN

A study of the background of the contemporary ferment in the political life of Pakistan. The following topics will be discussed: religion and public life; religio-political parties and movements; political position of the minorities; major parties and political power; provincial and local factors; poverty and politics; forces favouring and opposing democratic institutions.

Professor Callard

2 hours.

(D) COURSES ON ISLAM

55. ISLAMIC HISTORY: THE CLASSICAL AND MEDIAEVAL PERIODS

The Arabs to the fall of Baghdad and Granada. The rise and ascendancy of the Seljuqs. The Mongols; the Mamluks.

56. ISLAMIC HISTORY: THE MODERN PERIOD

The Turkish, Persian, and Indian Islamic empires. Islam in Indonesia. The Islamic world in the nineteenth and twentieth centuries.

(These two courses are available in alternate years.)

57. INTRODUCTION TO ISLAM

An attempt to present and interpret the faith of Islam in such a way as to clarify how it appears both to an outsider and from within. The

scripture, prophet, institutions, and history of the religion, with particular attention to meaning.

3 hours (Half course). *Professor Smith*

(E) LANGUAGE INSTRUCTION

Not all courses are available each year. All language courses are for two terms. The elementary courses in each case are five hours per week, and do not normally carry graduate credit unless followed by a second year in the same language. Other levels are three hours per week.

100. ELEMENTARY ARABIC

101. LOWER INTERMEDIATE ARABIC

102. HIGHER INTERMEDIATE ARABIC

103. ADVANCED ARABIC (ARABIC PHILOSOPHIC OR THEOLOGICAL LITERATURE) For 1958-59 the same as ISLAMICS 25.

110. ELEMENTARY TURKISH

111. LOWER INTERMEDIATE TURKISH

112. HIGHER INTERMEDIATE TURKISH

113. ADVANCED TURKISH (TURKISH HISTORICAL LITERATURE)

120. ELEMENTARY PERSIAN

121. LOWER INTERMEDIATE PERSIAN

122. HIGHER INTERMEDIATE PERSIAN

123. ADVANCED PERSIAN (PERSIAN RELIGIOUS POETRY)

130. ELEMENTARY URDU

131. LOWER INTERMEDIATE URDU

132. HIGHER INTERMEDIATE URDU

133. ADVANCED URDU

140. ELEMENTARY MALAY AND INDONESIAN

FACULTY OF LAW

Professors	W. C. J. MEREDITH, *Dean*
	LOUIS BAUDOUIN
	MAXWELL COHEN
	J. C. COOPER
	EUGÈNE PÉPIN
	F. R. SCOTT
Associate Professors	J. G. CASTEL
	G. E. LEDAIN
Assistant Professors	CHARLES E. BISSONNETTE
	R. I. CHEFFINS

Lecturers

A. L. Bissonnette
G. S. Challies
Joseph Cohen
J. G. Gazdik
Marc Lapointe
G. R. W. Owen
W. J. McQuillan
James A. Soden
P. F. Vineberg

COURSES FOR THE DEGREE OF MASTER OF CIVIL LAW

Candidates must hold the degree of B.C.L. with at least second class honours from McGill University, or its equivalent. They must select one of the four following departments of study, in which they must follow at least one course throughout a session of residence, and must under supervision prepare an acceptable thesis. The general rules for the Master's degree will apply.

The departments of study, which may not all be offered each year, are

Roman Law

Civil Law

Commercial and Maritime Law

Public Law, including International Law

Students may also be required to follow cognate courses in other Departments of the Faculty.

COURSES FOR THE DEGREE OF MASTER OF LAWS

This degree is offered only in the Institute of International Air Law (Eugène Pépin, *Director*). Candidates must hold a degree in Law or be admitted to the Bar, and only those highly qualified or recommended can be accepted; it is desirable that they should possess a working knowledge of both English and French.

The curriculum consists of at least one session's resident study at the Institute. Students whose work is found satisfactory will be permitted to submit a dissertation on an approved subject within the field of the Institute's work during the following year, even though not then in residence. They must be registered, as resident or non-resident, for the session in which the dissertation is submitted. A very high standard will be required for this degree.

Students will be required to take the four courses listed below, which are prescribed. Others may be selected from courses given in the Law Faculty.

International Transport Law
Public International Air Law
Private International Air Law
International Air Regulations

LIBRARY SCHOOL

Associate Professor	VERNON ROSS, *Director*
Assistant Professor	VIRGINIA E. MURRAY
Lecturer	VIOLET COUGHLIN
Visiting Lecturers	

Requirements for admission are stated on page 2626.

COURSES FOR THE DEGREE OF MASTER OF LIBRARY SCIENCE

In addition to the thesis it will be necessary to take one required and the equivalent of two full elective courses. Electives may not all be available in any one year. Enquiries should be addressed to the Library School office.

REQUIRED

A. Thesis.

B. Research methods in library science.

ELECTIVE

C. Canadiana; archival and historical materials, their care and use.

D. Documentation; the acquisition and retrieval of research material. (Half course.)

E. Government documents. (Half course.)

F. Serials. (Half course.)

G. Cataloguing and classification; problems and developments.

H. The library in the community; school, college, and adult education work.

I. A special subject may be taken in another Department of the University provided that the candidate has the qualifications normally required for advanced work in that field. Special permission must first be obtained from the Dean, the Director of the School and the Chairman of the Department concerned.

DEPARTMENT OF MATHEMATICS

Professors
HERBERT TATE, *Chairman*
CHARLES FOX
E. M. ROSENTHALL
P. R. WALLACE
HANS ZASSENHAUS

Associate Professors
HYMAN KAUFMAN
WACLAW KOZAKIEWICZ
J. LAMBEK
E. L. LOMON
T. F. MORRIS
J. E. L. PECK
H. W. E. SCHWERDTFEGER
R. T. SHARP
C. D. SOLIN

Assistant Professors
M. D. BURROW
G. D. FINDLAY
SIDNEY KAHANA
T. V. NARAYANA
B. A. RATTRAY
L. P. WOOD

Lecturer
Z. A. MELZAK

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

Applied Mathematics and Mathematical Physics

661. METHODS OF MATHEMATICAL PHYSICS. Introduction to the equations of mathematical physics, classification of differential equations, integral representations, the solution of problems of mathematical physics involving the Laplace, Poisson, and scalar and vector Helmholtz and wave equations; tensor calculus.

Professor Wallace

3 hours.

Textbook: H. Feshbach and P. M. Morse, Methods of Theoretical Physics (Technology Press, M.I.T.).

662. QUANTUM MECHANICS (Physics 62). Introduction to the ideas and methods of quantum theory, with illustrations from the simpler applications in atomic and nuclear physics.

Professor Kahana

3 hours.

Textbooks: D. Bohm, Quantum Theory (Prentice-Hall); L. Schiff, Introductory Quantum Mechanics (McGraw-Hill).

663. ADVANCED QUANTUM MECHANICS. Methods of advanced quantum theory, including non-relativistic and relativistic scattering processes; Dirac electron theory, interaction of radiation with atomic and nuclear systems, quantum electrodynamics, quantum field theory.

2 hours. *Professor Morris*

References: Fermi, Elementary Particles (Yale); Heitler, Quantum Theory of Radiation (Oxford); Kramers, Quantentheorie (Edwards); Mott and Massey, Theory of Atomic Collisions (Oxford); Pauli, Wellenmechanik (Edwards); Schiff, Quantum Mechanics (McGraw-Hill); Sommerfeld, Wellenmechanik (Ungar); Wentzel, Quantum Theory of Fields (Interscience).

664. MATHEMATICS OF QUANTUM CHEMISTRY. Atomic structure, chemical bonding, theory of valency, elements of quantum statistical mechanics: for second year graduate students.

2 hours. *Professor Sharp*

Textbooks: Heitler, Elementary Wave Mechanics (Oxford); Glasstone, Theoretical Chemistry (Van Nostrand).

References: Pauling and Wilson, Introduction to Quantum Mechanics (McGraw-Hill); Dushman, Elements of Quantum Mechanics (Wiley); Gurney, Elementary Quantum Mechanics (Cambridge); Mott, Outline of Wave Mechanics (Cambridge); Penney, Quantum Theory of Valency (Methuen); Eyring, Kimball, and Walter, Quantum Chemistry (Wiley).

665. STATISTICAL MECHANICS AND KINETIC THEORY OF MATTER (Physics 65). Classical and quantum statistical mechanics, with applications; statistical theories of the gaseous, liquid, and solid states, including kinetic theory of gases, Debye theory of specific heats, dieletrics, and magnetism, theory of strongly degenerate gases, Planck radiation law, electron theory of metals, Bose-Einstein condensation theory of liquid helium II.

2 hours. *Professor Sharp*

Textbook: Lindsay, Physical Statistics (Wiley).

References: Mayer and Mayer, Statistical Mechanics (Wiley); Fowler, Statistical Mechanics (Cambridge); Tolman, Statistical Mechanics (Oxford); Schrödinger, Statistical Thermodynamics (Cambridge); Rice, Statistical Mechanics (Constable); Kennard, Kinetic Theory of Gases (McGraw-Hill); Loeb, Kinetic Theory of Gases (McGraw-Hill).

666. RELATIVITY. The Lorentz transformation, mechanics in special theory of relativity, relativistic formulation of electromagnetic theory. Motion of particles in the electromagnetic field, the physics of relativistic particles, with reference to high-energy accelerators and cosmic ray phenomena,

spinor calculus, the Dirac theory of the electron, relativistic invariance in quantum theory. Other relativistic fields, e.g. meson.

Professor Morris

2 hours.

References: MacCrea, Relativity Physics (Methuen); Bergmann, Introduction to the Theory of Relativity (Prentice-Hall); Heitler, Quantum Theory of Radiation (Oxford).

667. FLUID DYNAMICS. Equations of motion. Conformal transformations and complex potential theory. Airfoil theory. Vortex theory in two and three dimensions. Theory of viscous flow. Theory of boundary layer.

Professor Fox

3 hours.

References: Milne-Thompson, Hydrodynamics (Macmillan); Streeter, Fluid Dynamics (McGraw-Hill).

668. ELECTROMAGNETIC THEORY. General properties of the electromagnetic field, relativistic formulation of the theory. Fields and radiation produced by relativistic particles, with application to the angular and frequency distribution from particles in high energy accelerators. Interaction of radiation and charged particles with matter, energy loss, bremsstrahlung, Weiszacker-Williams method. Radiation reaction and damping, classical divergence difficulties. Radiation by finite systems, multipole expansion, angular momentum of radiation, semi-classical treatment of radiation from quantized systems.

Professor Lomon

2 hours.

References: Heitler, Quantum Theory of Radiation (Oxford); Landau and Lifshitz, Classical Theory of Fields (Addison-Wesley); Stratton, Electromagnetic Theory (McGraw-Hill).

669. SEMINAR IN APPLIED MATHEMATICS. Graduate students proceeding to an advanced degree with specialization in Applied Mathematics will be expected to attend and to participate in this seminar, which will be devoted to discussions of current research topics.

Professors Kahana, Morris, Lomon, and Wallace

670. THEORY OF THE SOLID STATE. Motion of electrons in crystals; energy bands and Brillouin Zones. Theory of metals. Theories of electric and thermal conductivity, Hall effect, magnetic susceptibility and specific heat of crystals. Types of binding. Electronic motion in ionic crystals; induced conductivity in insulators. Semi-conductors; electron emission and surface contact problems.

Professor Wallace

2 hours.

References: Mott and Jones, Properties of Metals and Alloys (Oxford), Seitz, Modern Theory of Solids (McGraw-Hill); Seitz and Turnbull, Solid State Physics (I-V) (Interscience); Kittel, Introduction to Solid State Physics (2nd Ed.) (Wiley); A. H. Wilson, Theory of Metals (Cambridge); Slater, Reports of the Solid State and Molecular Theory Group (M.I.T.).

671. GROUP THEORETICAL METHODS IN QUANTUM MECHANICS. Introduction to the ideas and methods of group theory with applications to quantum mechanics; rotation, permutation, Lorentz groups; classification of atomic and molecular spectra; theory of nuclear supermultiplets.

2 hours. *Professor Morris*

References: S. Bhagavantam and T. Venkatarayudu, Theory of Groups and its Application to Physical Problems (Waltair); H. Weyl, The Theory of Groups and Quantum Mechanics (Methuen); Wigner, Gruppentheorie (Edwards); Van der Waerden, Die gruppentheoretischen Methoden in der Quantenmechanik (Springer).

672. THEORETICAL NUCLEAR PHYSICS. The quantum mechanics of nuclear processes, including nuclear ground state properties, nuclear forces, structure of nuclei, beta and gamma emission, nuclear reactions at low and high energies.

2 hours. *Professor Lomon*

References: Bethe, Elementary Nuclear Theory (Wiley); Fermi, Nuclear Physics (Chicago); Evans, The Nucleus (McGraw-Hill); Mayer and Jensen, Introduction to the Theory of Nuclear Shell Structure (Wiley); Rosenfeld, Nuclear Forces (Interscience).

673. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM. Theory of electrostatic charge and potential. Problems in two and three dimensional charge distribution. Application of Gauss, Green, and Stokes theorems. Electric currents and problems in networks. Magnetism and magnetic vector potentials. Problems in three dimensional magnetic distributions. Electromagnetic induction. Maxwell's field equations. Electromagnetic waves. Theory of the Retarded Potential. The postulates of special relativity, Lorentz transformations, field of a moving charge.

2 hours. *Professor Fox*

Text: William R. Smythe, Static and Dynamic Electricity (McGraw-Hill).

674. MATHEMATICAL THEORY OF ELASTICITY. Components of stress and strain. Equilibrium and compatibility equations, problems with boundary conditions. The use of polar co-ordinates and the complex variable in two dimensional problems. Strain-energy method and the principle of

virtual work. Torsion of bars, shafts, and tubes. The use of polarized light, soap films, and membranes in solving problems of stress. The propagation of waves in elastic media. Waves of distation and distortion. Applications to problems of seismology.

Professor Fox

2 hours.

Texts: S. Timoshenko, Theory of Elasticity (McGraw-Hill); A. E. H. Love, A Treatise on the Mathematical Theory of Elasticity (Cambridge University Press).

675. THEORETICAL HIGH ENERGY PHYSICS. The interpretation of pion-nucleon scattering, pion photoproduction and related topics in terms of the properties of the elementary particles and their interaction. The application of field theory and dispersion relations to the detailed results of the above interactions. The strange particles, their classification according to isotopic spin, associated production, and their interactions. Weak decays and the conservation laws.

Professor ———

2 hours.

References: Bethe and de Hoffman, Mesons andFields II (Row Peterson, 1955); High Energy Nuclear Physics, Proceedings of the (recent) Annual Rochester Conferences (Interscience).

Algebra and Theory of Numbers

771. ALGEBRA. Simple properties of groups, modules with operators, algebras, fields, polynomials, factorization of polynomials, algebraic equations, finite extensions, splitting fields, Galois theory, solution of algebraic equations by radicals, solvable groups; Noether rings, valuation theory, p-adic numbers, ideal theory, cyclotomic fields, Fermat's theorem.

Professor Rosenthall

3 hours.

Texts: Jacobson, Theory of Rings; Van der Waerden, Modern Algebra.

772a. THEORY OF ABSTRACT GROUPS. Axioms of group theory, groups and subgroups, normal subgroups, homomorphisms, isomorphy theorems, groups with operators, groups and lattices, Jordan-Hölder-Schreier theorem, theorem of Wedderburn-Remak-Krull-Schmidt-Fitting-Ore. Groups with generators and defining relations, extension theory, abelian groups.

Professor Zassenhaus

3 hours, first term.

Texts: Speiser, Die Theorie des Gruppen von endlicher Ordnung; Kurosh, Theory of Groups; Zassenhaus, Theory of Groups.

772b. REPRESENTATION THEORY. General problems of representation theory, representation spaces, invariant spaces, reduction and decomposition. Theorems of Maschke-Wintner, Schur on full reducibility, structure of

the group algebra for any characteristic, Wedderburn structure theorems, application to finite groups, structure of finite near fields, induced and produced representation, cohomology theory.

3 hours, second term. *Professor Zassenhaus*

Prerequisite: Mathematics 772a.

Text: Van der Waerden, Modern Algebra.

773a. LATTICE THEORY AND UNIVERSAL ALGEBRA. Partially ordered sets, modular lattices, lattice ordered semigroups, theorems on normal series and direct decomposition for general algebraic systems.

3 hours, first term. *Professor Lambek*

773b. THEORY OF RINGS. Infinite abelian groups, rings and modules, tensor product, structure and representation of rings, rings of quotients, multiplicative ideal theory.

3 hours, second term. *Professor Findlay*

774a. FREE GROUPS. The course will include the material in Kurosh Vol. II, and also representation of free groups in free associative rings, the derivative, theorems on the lower central series, the study and application of free Lie Rings.

3 hours, first term. *Professor Burrow*

774b. LIE GROUPS. Topological groups, differentiable manifolds, Lie groups, classical groups, local isomorphism, one parameter subgroups, canonical coordinates, correspondence between Lie groups and Lie algebras, exterior differential forms.

3 hours, second term. *Professor Rattray*

Text: Chevalley, Lie Groups.

775. SEMINAR IN ALGEBRA. Topics selected to suit the class.

Professor Zassenhaus

776. ANALYTIC NUMBER THEORY. Arithmetical functions, elementary theory of the distribution of primes; proof of the prime number theorem, Dirichlet's theorem on number of primes in arithmetic progression; asymptotic and convergent formulas for the partition of n.

3 hours, one term. *Professor Rosenthall*

777. GEOMETRY OF NUMBERS. Minkowski's theorems on convex bodies; successive minima of gauge functions and their consequences; linear inequalities including Kronecker's general approximation theorem and products of linear forms; extrema of quadratic forms.

3 hours, one term. *Professor Rosenthall*

778. SEMINAR IN THEORY OF NUMBERS. Selected topics.

Analysis

780. ANALYSIS. Cardinal and ordinal numbers, the maximal principle; measure and integration, convergence theorems, absolute continuity, Lebesgue-Stieltjes measure and differentiation, product measures; Banach spaces, linear operators, dual spaces with examples, the Hahn-Banach theorem, Hilbert space.

3 hours. *Professor Kozakiewicz*

781. COMPLEX VARIABLE. Cauchy's theorem, expansion in series and products, singularities, analytic continuation. Additional topics selected by the instructor.

3 hours, one term. *Professor Schwerdtfeger*

782. CALCULUS OF VARIATIONS. The first variation and the Eulerian characteristic equation, the second variation, Legendre's test and the theory of conjugate points; isoperimetrical problems; integrals with variable end points and Hilbert's integrals. Strong variations and the Weierstrassian E function. Hamilton's principle and the principle of least action.

3 hours. *Professor Fox*

783 FOURIER TRANSFORMS. Fourier, Laplace and Mellin transforms, applications to probability; generalized Fourier transforms, Watson and Bochner transforms; integral and dual integral equations.

3 hours, one term. *Professor Fox*

784. ANALYSIS ON GROUPS. Locally compact groups, Haar measure, group algebra, character group, Fourier transforms.

3 hours, one term. *Professors Burrow and Rattray*

785. BANACH ALGEBRAS. Topics selected from: the representation and structure of commutative Banach algebras, algebras with involution, H* algebras, von Neumann algebras; Krein-Milman theorem and applications.

3 hours, one term. *Professor Peck*

786. SPECTRAL THEORY. Linear operators on Hilbert space; the spectral theorem and applications.

3 hours, one term. *Professor Peck*

787. EXISTENCE THEOREMS. Analytic and topological preliminaries, discontinuous additive functions, fixed point theorems, theorems of Ascoli and Cauchy-Peano, implicit functions, completely continuous operators. Applications to functional equations, viz., ordinary and partial differential, integral etc.

3 hours, one term. *Dr. Melzak*

788. EIGENVALUE PROBLEMS. Self adjoint differential equations and operators; existence of eigenvalues and eigenfunctions, singular self-adjoint problems, limit point and limit circle cases, expansion in terms of eigen-functions.

3 hours, one term. *Dr. Melzak*

789. ORDINARY DIFFERENTIAL EQUATIONS. Existence and uniqueness theorems; approximation methods, systems of equations; boundary and eigenvalue problems; stability theory.

3 hours, one term. *Professor Kaufman*

References: W. Hurewicz, Ordinary Differential Equations in the Real Domain (Brown University, 1943); E. A. Coddington and N. Levinson, Theory of Ordinary Differential Equations (McGraw-Hill, 1955).

790. PARTIAL DIFFERENTIAL EQUATIONS. Introduction to equations of elliptic, parabolic, and hyperbolic type; singular solutions, Green's function; application of Fourier series and integrals; variational methods.

3 hours, one term. *Professor Kaufman*

References: I. N. Sneddon, Elements of Partial Differential Equations; Courant-Hilbert, Methods of Mathematical Physics, Vol. II.

791. SPECIAL FUNCTIONS

3 hours, one term. *Professor Rosenthall*

792a. FOURIER SERIES AND APPROXIMATION. Approximation in function spaces; orthogonal sets of functions and general Fourier series; orthogonal polynomials; trigonometrical Fourier series; almost periodic functions.

3 hours, first term. *Professor Schwerdtfeger*

References: W. W. Rogosinski, Fourier Series; N. I. Achieser, Theory of Approximation.

792b. INTRODUCTION TO INTEGRAL EQUATIONS. Resumé of finite dimensional linear algebra; types of linear integral equations; Hilbert's theory; Schmidt's theory of the symmetric kernel; applications to boundary value problems of linear differential equations and to almost periodic functions.

3 hours, second term. *Professor Schwerdtfeger*

References: Courant and Hilbert, Methods of Mathematical Physics; F. Riesz and B. Sz. Nagy, Leçons d'analyse fonctionelle.

793. SEMINAR IN ANALYSIS. Selected topics in analysis to suit the needs of the students.

Geometry and Topology

892. DIFFERENTIAL GEOMETRY. Classical local geometry of curves and surfaces. In particular: first and second fundamental forms, curvature of

plane sections, mean and Gaussian curvature, geodesics. Global theory of curves and surfaces, Riemannian manifolds, tensor algebra, covariant differentiation, curvature tensors.

3 hours, one term. *Professor Rattray*

893. ANALYTIC AND SYNTHETIC PROJECTIVE GEOMETRY. This course will follow a classical presentation. Some of the topics emphasized are: perspectivity and projectivity, projective theorems relating to the conics, groups of linear transformations, correlations and polarities.

3 hours, one term. *Professor Tate*

894. ALGEBRAIC GEOMETRY. Quadratic surfaces, Grassman manifolds, higher curves; valuations, divisors; Riemann-Roch theorem, applications; De Rham theorem; harmonic integrals; multiplicity and local uniformisations; Riemann surfaces.

3 hours. *Professor Zassenhaus*

References: C. Chevalley, Introduction to the Theory of Algebraic Functions of One Variable; Van der Waerden, Einführung in die algebraische Geometrie; Hodge and Pedoe, Algebraic Geometry I, II and III.

895b. TOPOLOGY. Product and quotient spaces, function spaces, weak topologies, dimension theory, homology groups.

3 hours, second term. *Professor Rattray*

Prerequisite: Maths. 445a. or equivalent.

896. SEMINAR IN GEOMETRY AND TOPOLOGY. Topics to suit the class.

Probability and Statistics

900. SEMINAR IN STATISTICS. Topics selected from advanced probability and statistics.

2 hours. *Professor Narayana*

901. THE DESIGN OF EXPERIMENTS. Principles of Experimental design, least squares aspects of the Anov; randomization; analysis of randomized blocks, Latin squares and incomplete block designs; factorial and split-plot experiments, confounding. The construction of designs: Orthogonal sets of Latin squares, balanced and partially balanced incomplete block designs, the general symmetrical factorial design.

2 hours. *Professor Narayana*

References: O. Kempthorne, The Design and Analysis of Experiments; Cochran and Cox, Experimental Designs

902b. THEORY OF GAMES. Zero-sum, two-person games, finite and infinite; games in extensive form; n-person games; applications; recent contributions.

3 hours, second term. *Professor Peck*

History and Foundations

903. STATISTICAL INFERENCES. Tests of significance I; tests of goodness of fit and allied tests; theory of estimation; parametric estimation; the Cramer-Rao inequality; tests of significance II; the Neyman-Pearson theory; non-parametric methods.

2 hours. *Professor Narayana*

1001. MATHEMATICAL LOGIC. A formal treatment of logical systems such as the propositional calculus, quantification theory, formalized arithmetic and set theory, the calculus of lambda conversion, with emphasis on questions of consistency and completeness. The theory of recursive or computable functions is developed in detail and applied to the construction of undecidable statements in arithmetic, the theorems of Gödel and Church, the word problem in semigroups.

3 hours. *Professor Lambek*

Reference: Kleene, Introduction to Metamathematics (Van Nostrand).

1002. MATHEMATICAL LINGUISTICS. Information theory, Zipf's law, mathematical syntax, mechanical translation of languages.

3 hours, one term. *Professor Lambek*

General Remarks

1. The following undergraduate mathematical courses may, in special circumstances, be taken for graduate credit:

Listed in the Arts and Science Announcement—

331 (Statics and Dynamics); 333 (Advanced Calculus); 334 (Differential Equations); 439 (Mathematical Statistics); 441 (Mathematical Physics); 442 (Algebra); 443 (Numerical Analysis); 444 (Analysis); 446a (Fluid Dynamics); 446b (Mathematical Theory of Electricity and Magnetism); 448b (Advanced Dynamics); 449b (Tensor Analysis).

Listed in the Engineering Announcement—

1260 (Differential Equations).

2. The attention of students taking the course for M.A. or M.Sc. is called to the University requirements described on pages 2622, 2623 and 2624 of this Announcement. Students seeking an M.A. or M.Sc.

degree are required to pass in three approved full courses in mathematics and to participate in any assigned seminars, and to present an acceptable thesis. They may be required to submit to an examination on the subject matter of the thesis and the general background of the field of mathematics with which the thesis is concerned.

3. Attention is called to the evening courses leading to the degree of Master of Engineering, which are described in this Announcement under the Department of Electrical Engineering, and to other evening courses.

4. Owing to the increasing impact of Pure and Applied Mathematics upon a large variety of fields of study, attention is particularly called to the possibility of arranging a suitable programme of mathematical courses to meet the individual needs of graduate students majoring in fields other than those listed above.

5. The attention of students who contemplate working for a Ph.D. degree with Mathematics as a major subject is called to the University regulations on pages 2627-2630 of this Announcement. Properly qualified students may be admitted to candidacy for the Ph.D. in Pure Mathematics or in Applied Mathematics by the Graduate Committee of the Department with the approval of the Dean of the Faculty of Graduate Studies and Research. Except in very exceptional cases, students would be admitted to candidacy only after having completed the work for the Master's degree at McGill or elsewhere with distinction. The Ph.D. degree is awarded on the basis of the attainment of a good knowledge of mathematics in general and the writing of a thesis which definitely advances the subject which it treats.

Detailed information regarding departmental requirements is contained in a bulletin, which is issued by the Department. This can be obtained on application to the Chairman of the Department. The courses offered during the 1958-59 session will be selected from numbers 661 to 1001 and will be announced at the beginning of the session. The following courses were given during the 1957-58 session: 661, 662, 663, 666, 667, 668, 669, 670, 672, 771, 772, 776, 780, 785, 900, 901, 903, 1001.

DEPARTMENT OF MECHANICAL ENGINEERING

Professors WILLIAM BRUCE, *Chairman*
D. L. MORDELL

Associate Professors A. R. EDIS
J. W. STACHIEWICZ

The requirements for the M.Eng. degree in mechanical engineering include lecture courses, research work and thesis, and participation in the seminar. Candidates are required to take courses in other departments and are encouraged to take cognate subjects in other faculties

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

All students proceeding to the Master of Engineering degree in Mechanical Engineering are required to have a satisfactory credit in Course 1260 and such other undergraduate courses as are prerequisite to the graduate courses selected.

G504. SEMINAR.

1 to 2 hrs. per week, session.

All candidates are required to participate.

1. MACHINE DESIGN

G510. ADVANCED MACHINE DESIGN

2 hours. *Professor Edis*

G511. SELECTED TOPICS IN ADVANCED MACHINE DESIGN

6 hours drafting room. *Professor Edis*

G512. PROCESS EQUIPMENT DESIGN

2 hours. *Professor Edis*

2. THERMAL POWER

G518. GAS TURBINE PROBLEMS AND DISCUSSION

2 hours. *Professor Mordell*

G519. GAS TURBINES

2 hours. *Professor Mordell*

G520. HEAT TRANSFER

2 hours, one term. *Professor Mordell*

G521. NUCLEAR ENGINEERING

2 hours, one term. *Professor Edis*

DEPARTMENT OF METALLURGICAL ENGINEERING

Professor	J. U. MACEWAN, *Chairman*
Associate Professor	H. H. YATES
Lecturer	C. D. EASTEAL

Adequate laboratory and library facilities are available for the courses listed below and for research.

All applicants for admission to advanced studies in the Department of Metallurgical Engineering are required to have fundamental training in Physical Chemistry and Chemical Thermodynamics, and applications of this training to metallurgical processes.

G601. PROPERTIES AND STRUCTURES OF METALS. Atomic structure; electron theory of metals in the solid state; theory of plastic deformation of metals applied to single crystals; phase transformation; recrystallization; creep; assigned reports.

2 hours per week. *Professor MacEwan*

G602. HYDROMETALLURGY. The application of physical and chemical principles to hydrometallurgical processes.

2 hours per week. *Professor Yates*

G603. UNIT PROCESSES IN EXTRACTIVE METALLURGY. Theoretical studies of selected processes for the smelting and refining of metals. Engineering applications of these processes will be considered. Reports will be assigned.

2 hours per week. *Professor MacEwan*

G608. PROCESS METALLURGY. This course is for candidates for the degree of Master of Science (Applied) in Geology. Extractive metallurgical processes with emphasis on the utilization and evaluation of ores and concentrates.

2 hours per week. *Professor MacEwan*

G605. METALLURGICAL THESIS. A thesis is to be submitted on research conducted in one of the following fields:

(a) Hydrometallurgy
(b) Pyrometallurgy
(c) Physical Metallurgy

A. Requirements for the degree of Master of Engineering in Metallurgical Engineering

Candidates for this degree must hold a recognized degree in Metallurgical Engineering or a related field as noted in the following paragraph, and complete the course requirements noted below.

Applicants holding a recognized Engineering degree in some related field can proceed to the Master's degree in Metallurgical Engineering by taking a qualifying year before being registered as degree candidates in the Faculty of Graduate Studies and Research. Students in this category must have their records appraised by the Department and a programme of studies outlined for the qualifying year.

Course Requirements

1. Two of the three graduate courses in Metallurgy: G601, G602 and G603.
2. One course in Mathematics as required by the Department of Metallurgical Engineering.
3. Metallurgical Thesis, G605.

B. Requirements for the degree of Master of Science in Metallurgy

Candidates for this degree must have had previous training in the basic sciences of chemistry or physics or both and hold a Bachelor of Science or equivalent degree. Students who hold a Bachelor of Science degree in Metallurgy or its equivalent may be able to proceed to the Master's degree in one year.

Students whose training is deficient will be required to take courses in Metallurgy and in cognate subjects in Chemistry and Physics during a qualifying year before being registered as degree candidates in the Faculty of Graduate Studies and Research.

Applicants for admission will have their academic records appraised by the Department of Metallurgy and a programme of studies will be outlined.

Course Requirements

The course requirements are the same as outlined for the degree of Master of Engineering.

DEPARTMENT OF MINING ENGINEERING

Professor	R. G. K. Morrison, *Chairman*
Associate Professor	J. S. Godard
Assistant Professor	Talat Salman

Library and laboratory facilities are available for postgraduate studies and research.

The requirements for the M.Eng. degree in Mining Engineering include lecture courses, research work and thesis.

Students whose qualifications are considered to be below the B.Eng. standard will be required to pass courses covering the deficiency during a qualifying year before being registered as degree candidates.

The thesis must be submitted on a suitable subject, normally under one of the following broad headings: (1) Mineral dressing; (2) Mining methods; (3) Rock pressure problems in mines; (4) Mechanization of mines; (5) Mine or mineral economics; (6) Industrial relations and management.

For the M.Eng. degree a minimum of three full courses is normally required in addition to the thesis and considerable latitude is permitted in their selection. The following are optional courses and other graduate and undergraduate courses in different departments of the University may be required or optional depending on the subject selected for a thesis.

784. MINE FINANCE AND COST CONTROL. A course given to fourth year Mining Engineering students, but available to postgraduates who have not taken it. Refer to the Announcement of the Faculty of Engineering.

2 lectures per week, second term. *Mr. R. S. Boire*

G700. ORGANIZATION AND MANAGEMENT OF MINES. A reading and discussion course.

2 hours per week. *Professor Morrison*

G701. MINE VENTILATION. A course of study and investigation conducted with the co-operation of the Department of Mechanical Engineering. Concerns the supply and flow of fresh air to mines, dust suppression, and the thermodynamics of deep-level ventilation.

2 hours per week, session.

Department of Mechanical Engineering and Professor Morrison

G702. COLLECTIVE BARGAINING SEMINAR. Refer to the Announcement of the Faculty of Arts and Science (Economics 442).

3 hours per week, session. *Professor H. D. Woods*

G703. MINERAL DRESSING. An advanced course covering—Amalgamation, Cyanidation, Gravity Concentration, Flotation, Roasting, and Leaching.

1 lecture and 6 hours laboratory per week, session. *Professor Godard*

G704. PROBLEMS OF DEEP MINING

2 hours per week. *Professor Morrison*

DEPARTMENT OF NEUROLOGY AND NEUROSURGERY

Chairman — WILDER PENFIELD

Professors — THEODORE RASMUSSEN, WILLIAM CONE

Professor of Experimental Neurology — HERBERT JASPER (*In charge of Graduate Studies*)

Associate Professors — K. A. C. ELLIOTT, FRANCIS MCNAUGHTON, DONALD MCRAE

Assistant Professors — ARTHUR ELVIDGE, PRESTON ROBB

Lecturers — J. B. R. COSGROVE, PIERRE GLOOR

Candidates for graduate degrees must first meet the general qualifications and requirements for admission to the Graduate School (for M.Sc. see page 2622, for Ph.D. see page 2627). Before registration each candidate must have a thesis plan accepted by the director of his research and by the professor in charge of graduate studies. Qualification for and permission to enter courses must be approved by (1) director of candidate's research, (2) course supervisor, and (3) professor in charge of graduate studies. In some cases a qualifying year will be required before admission as a candidate for a degree. Candidates for the Master's degree are required to pass satisfactory examinations in at least two out of four of the credit courses listed below, i.e., courses A, B, E, and G. Candidates for a Ph.D. degree are expected to pass all of these credit courses. Under exceptional circumstances, other courses or qualifications may be substituted for credit at the discretion of the professor in charge of graduate studies. Attendance of at least one year at courses C, D, F, and I is expected of candidates for the Ph.D. Attendance at two at least of these four courses is expected of candidates for the M.Sc.

Others may attend any or all courses, at the discretion of the supervisors, without registration in the Graduate School. Registration is obligatory if graduate credit is to be given.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

A. SEMINAR IN NEUROANATOMY, M.N.I.

1. This course is given in combination with course Med.2A "Anatomy and Physiology of the Central Nervous System"—September to end of November.

   Additional graduate seminars will be held coordinated with Course B.

   Graduate students are expected to prepare a term paper on a neuroanatomical topic and also to act as demonstrators.

   Professor McNaughton

2. Advanced Neuroanatomy for selected group; times to be arranged.

   Professor McNaughton

B. SEMINAR IN NEUROPHYSIOLOGY

This course is given in two parts, (1) lectures and examination together with undergraduate course Med.2A "Anatomy and Physiology of the Central Nervous System," and (2) weekly graduate seminars and demonstrations co-ordinated with Course A (4 months, beginning in December). Mondays, 4:30 to 6:00 p.m. *Professor Jasper*

C. COLLOQUIUM IN CLINICAL NEUROLOGY

1 hour weekly, clinics and lectures, Wednesdays, 5 p.m. M.N.I. (9 months).

Staff and Visiting Lecturers

D. SEIZURE MECHANISMS AND CEREBRAL LOCALIZATION: CLINICAL, ELECTROENCEPHALOGRAPHIC, AND ROENTGENOGRAPHIC CONFERENCE

M.N.I. 1½ hours weekly (9 months)

Professors Penfield, Rasmussen, Jasper, McNaughton and McRae

E. OUTLINE OF NEUROCHEMISTRY

Lectures and demonstrations, M.N.I. (2 months, beginning in April). Mondays, 4:30 to 6:00 p.m. *Professor Elliott*

F. CONFERENCE IN NEUROSURGICAL PATHOLOGY

Gross and microscopic demonstrations to be supplemented by collateral work (9 months). Fridays, 5 to 6 p.m. *Professor Cone*

G. DEMONSTRATIONS IN MEDICAL NEUROPATHOLOGY

1 hour weekly (9 months); time to be arranged. *Professor Mathieson*

Graduate credit is given for either:

(a) Acting for a period of 6 months as neuropathological fellow in the laboratory of surgical neuropathology. Arrangements should be made well in advance with Dr. Cone.

(b) Acting for a period of 6 months as neuropathological fellow in the laboratory of medical neuropathology. Arrangements should be made well in advance with Dr. Mathieson.

(c) Passing written and practical examination in neuropathology.

H. CLINICAL NEUROPATHOLOGICAL CONFERENCE

1 hour, every other Thursday, 4:30 p.m. (9 months). *Professor Mathieson*

I. SEMINAR IN NEUROLOGICAL RADIOLOGY

1. Didactic lectures (3 months, beginning in September). Mondays, 4:30 to 6:00 p.m.
2. Colloquium, 1 hour weekly (9 months), Mondays, 9:00 a.m. *Professor McRae*

DEPARTMENT OF NUTRITION

(Macdonald College)

Professor E. W. CRAMPTON, *Chairman*

Associate Professor L. E. LLOYD

Assistant Professor FLORENCE A. FARMER

Adequate laboratory and library facilities are available for research in a number of branches of Applied Nutrition. The particular research problem which may be undertaken will depend in part on whether the candidate holds a B.Sc., B.Sc.(Agr.), or B.Sc.(H.Ec.) degree. Ordinarily graduates in Agriculture associate themselves with problems related to the nutrition of farm animals, while graduates in Household Science usually undertake projects applicable to human nutrition.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. EXPERIMENTAL TECHNIQUE. Design and conduct of nutritional studies involving experimental animals or subjects; statistical analysis and the interpretation of data from such studies; preparation of technical reports of nutrition research. This course includes lectures on specific topics and the actual conduct and interpretation of one or more research projects, one of which will form the basis of the thesis presented toward the degree sought.

In addition to completion of course A above and the submission of an acceptable thesis, candidates for the Master of Science degree in Nutrition must register for and complete Biochemistry 45, Department of Biochemistry, in Montreal. Students must also attend and participate in Department seminars.

Home Economics graduates may, by special arrangement, also elect advanced work in the School of Household Science.

In individual cases, cognate courses may be added to the above requirements on the advice of the director of research.

DEPARTMENT OF PARASITOLOGY

(Macdonald College)

Professor	T. W. M. CAMERON, *Chairman*
Associate Professor	DONALD FAIRBAIRN
Assistant Professors	R. P. HARPUR
	M. LAIRD
Lecturer	E. MEEROVITCH

Candidates for both the M.Sc. and Ph.D. are required to possess the equivalent of an honours degree in biological science or a degree in veterinary or human medicine. Their curricula should have included general invertebrate Zoology (including Entomology), Organic Chemistry, and Biochemistry; elementary Physiology is also desirable.

Adequate laboratory and library facilities are available at the Institute of Parasitology for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Courses A, B, and C are required for this degree in addition to a thesis, the subject to be selected by the candidate with the approval of the Department.

A, B, and C comprise the main courses, but further courses may be chosen, depending on the research problem selected and the candidate's previous training.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates must possess the equivalent of the M.Sc. (Parasitology), McGill. Candidates may (with the approval of the Department) study cognate subjects (such as Nutrition, Biochemistry, Medical Entomology, etc.). Such course work must be completed before the commencement of the final year of study.

A. A SYSTEMATIC STUDY OF THE ANIMAL PARASITES OF MAN, DOMESTIC, AND ECONOMIC ANIMALS — *Professor Cameron*

5 hours.

B. PRACTICAL PARASITOLOGY — *Professor Cameron and Lecturer*

12 hours.

C. FIELD WORK AND SEMINARS. Parasitological surveys. Collections in the field. Methods of control. — *Staff*

DEPARTMENT OF PATHOLOGY

Professor G. C. McMILLAN, *Chairman*

Associate Professor J. E. PRITCHARD

Assistant Professor A. C. RITCHIE

The Department offers adequate laboratory and library facilities in the Pathological Institute for morphological or experimental research and for the courses listed below leading to the degrees of Master of Science and Doctor of Philosophy in Pathology.

QUALIFICATION FOR ADMISSION

Candidates for graduate degrees in Pathology must hold the degree of Doctor of Medicine or its equivalent and must have attained high standing in the courses leading to this degree, especially in the preclinical scientific subjects.

Candidates whose previous graduate training in Pathology is judged to be inadequate, will be required to spend a qualifying year of work in the Department before proceeding to a graduate degree.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

A. RECENT ADVANCES IN PATHOLOGY

Lectures on selected subjects in Pathology.

Professor McMillan and Staff

B. COLLOQUIUM. Demonstration and discussion of current surgical and autopsy material from the routine pathological services of the Pathological Institute.

2 hours throughout the session. *Professor McMillan and Staff*

C. CONFERENCES. Conferences will be held at regular intervals with graduate students for the purpose of guiding their reading and investigative work and for the discussion of special problems arising from their research.

D. COGNATE SUBJECTS. Each student will be required to take certain courses in cognate subjects, the selection of which will depend upon the student's previous training and on the character of the research problem to be undertaken.

Any candidate for a graduate degree may be required to attend the undergraduate course in General Pathology and pass a comprehensive examination in this subject.

A candidate for the degree of Master of Science must take courses A, B, and C, and at least one cognate course. The remainder of his time is to be devoted to morphological or experimental research. The quality of the student's investigative work as embodied in his thesis will be the main consideration in recommending him for this degree.

For the degree of Doctor of Philosophy the candidate must take courses A, B, and C, throughout each year of study in addition to his research. Any cognate subjects required must be completed before the end of the second year.

The quality of the research work as embodied in the Ph.D. thesis will be the main consideration in the award of this degree.

DEPARTMENT OF PHARMACOLOGY

Professor	K. I. MELVILLE, *Chairman*
Associate Professor	D. R. WOOD
Assistant Professor	B. G. BENFEY

Adequate laboratory facilities are available for the courses listed below and for research.

QUALIFICATIONS FOR ADMISSION

Candidates for higher degrees in Pharmacology must hold an M.D. or B.Sc. degree, and must have attained a high standing in the courses in Pharmacology 1A and 1B, as given to medical students at McGill (or equivalent courses elsewhere). Candidates with a B.Sc. degree and with suitable preparation in Biochemistry and Physiology, may be admitted to these undergraduate medical courses, during their qualifying year. On application to the Chairman of the Department, a limited number of undergraduates pursuing the Honours B.Sc. curriculum in Biochemistry or Physiology, or with otherwise suitable preparation, may be admitted to these prerequisite courses in their Fourth year. See the Announcement of the Faculty of Medicine.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

2A. ADVANCED PHARMACOLOGY

1 lecture per week. This course deals with biological assays, actions of drugs on cellular mechanisms and relationships between chemical structure and pharmacological action. *Professor Melville and Staff*

2B. COLLOQUIUM

1 hour fortnightly, dealing with problems related to the research interests of the graduate students and staff.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

3A. RECENT ADVANCES IN PHARMACOLOGY

1 hour weekly. *Professor Melville and Staff*

3B SEMINAR

1 hour fortnightly during the year.

For each of the higher degrees, candidates may also be required to take courses in cognate subjects, as necessary.

The main interests of the Department at present concern various problems of cardiovascular pharmacology and the actions of drugs affecting the autonomic nervous system.

DEPARTMENT OF PHILOSOPHY

Professors T. G. HENDERSON, *Chairman*
R. KLIBANSKY
J. W. MILLER
CECIL CURRIE

Associate Professor ALASTAIR MCKINNON

Assistant Professor R. S. MCCALL

Lecturers J. D. ROSS

COURSES FOR THE DEGREE OF MASTER OF ARTS

*400. MORAL AND POLITICAL PHILOSOPHY. 2 hours.

First term: Advanced Ethics. *Professor Miller*

Second term: Philosophy of Politics. *Professor Klibansky*

*410. PROBLEMS OF LOGIC AND METAPHYSICS. 2 hours.

First term: Logic, Epistemology and Metaphysics. *Professor Klibansky*

Second term: The Metaphysics of Whitehead. *Professor Henderson*

*420. THE PHILOSOPHY OF KANT

2 hours. *Professor Currie*

*440. SEMINAR IN PHILOSOPHY. I. 2 hours.

1958-1959. Issues in Contemporary Philosophy.

Reading: *to be announced.* *The Staff*

*450. SEMINAR IN PHILOSOPHY. II. 2 hours.

The Philosophy of History. *Professor Currie*

Seminar courses will be offered in the special fields in which candidates are studying for their degrees.

Before entering upon his course of graduate studies, the student must have devoted two full years to Philosophy, and his competence in the subject should embrace the following:

(1) A general knowledge of the history of Greek philosophy and of modern philosophy.

(2) A systematic knowledge of the main philosophical disciplines: logic, ethics, epistemology, and metaphysics.

(3) A special knowledge of at least three of the great European thinkers.

Applicants for graduate study may be required to submit to an examination in order to determine their competence as above defined.

In special cases students may take relevant courses offered by the Institute of Islamic Studies.

DEPARTMENT OF PHYSICS

Professors G. A. WOONTON, *Chairman*
J. S. FOSTER
J. S. MARSHALL

*May also be taken by honours undergraduates.

Associate Professors	R. E. Bell
	K. L. S. Gunn
	W. F. Hitschfeld
	W. M. Martin
	Anna I. McPherson
	E. R. Pounder
	F. R. Terroux
	H. G. I. Watson
Assistant Professors	C. R. Crowell
	T. W. R. East
	J. F. Mathison
	E. J. Stansbury
Lecturers	M. L. De Angelis
	M. P. Langleben
	G. V. Marr
	W. M. Telford
Research Associate	A. L. Thompson

Adequate laboratory and library facilities are available for the courses listed below and for research in any of the main branches of physics. Equipment for investigations in nuclear physics, electron physics, meteorological physics, ice physics, electromagnetic radiation, electrical measurements, spectroscopy, heat, and geophysics have been specially developed. An electron microscope and X-Ray Diffraction apparatus are available for collaboration in regard to problems in Chemistry and Biology. A well-equipped Radiation Laboratory for nuclear physics provides space for staff and over twenty graduate students. The hundred Mev McGill Synchro-cyclotron is housed in this laboratory. The Eaton Electronics Laboratory provides facilities for research and graduate training in the various branches of electron physics and in it there is also accommodation for over twenty graduate students, in addition to staff. The Macdonald Physics Laboratory continues to provide facilities and space for research by staff and by another group of from ten to fifteen graduate students. Upon request, the Secretary of the Department will provide prospective graduate students with a pamphlet on the Physics Department.

With the approval of the Chairman of this Department, qualified graduate students in physics may apply to take some of their required courses, and to undertake research, at Macdonald College, the remainder of their courses being taken at McGill University in Montreal. For the Ph.D. in Meteorology, see under the Department of Geography.

COURSES AVAILABLE WHEN PHYSICS IS CHOSEN AS A COGNATE SUBJECT

Courses 33, 34, 36, 41, 42, 43, 44b, 48 are undergraduate honours courses prerequisite to graduate work in Physics; but they are open to graduate

students (1) choosing Physics as a cognate subject, or (2) completing their entrance qualifications for graduate work in Physics.

33. ELECTRONIC CIRCUITS AND INSTRUMENTS (Half course). Theory and application of electronic devices with emphasis on the instruments used in scientific research.

1 hour; laboratory (33L), 2 hours. *Professor Bell*

Reference books: Terman, Electronic and Radio Engineering, 4th Ed. (McGraw-Hill); Cruft Laboratory Staff, Electronic Circuits and Tubes (McGraw-Hill); Valley and Wallman, Vacuum Tube Amplifiers (McGraw-Hill); Chance et al., Waveforms (McGraw-Hill).

34. HEAT AND THERMODYNAMICS. Thermodynamic systems and variables. The zeroth, first and second laws. The thermodynamics of: heat engines; two-phase systems, including a statement of the third law; thermoelectricity; Joule-Thomson effect; thermionic emission; thermal radiation. Kinetic theory of gases, introduction to statistical mechanics.

2 hours per week. *Professor Hitschfeld*

Text: Sears, Introduction to Heat, Thermodynamics, Kinetic Theory and Statistical Mechanics (Addison-Wesley).

References: Zemansky, Heat and Thermodynamics (McGraw-Hill); Hoare, Textbook of Thermodynamics (Longmans Green); Sir James Jeans, Kinetic Theory of Gases (Cambridge University Press), Worthing and Halliday, Heat (Wiley).

36. ADVANCED LIGHT. The essentials of geometrical and physical optics with advanced laboratory work. Electromagnetic theory, interference, diffraction, polarization, simple spectrum analysis, determination of fine structure of spectral lines, Zeeman effect, theory and use of optical apparatus (e.g., glass and quartz spectrographs, Lummer plates, interferometers, and polarimeters).

First term: 2 hours; Second term: 1 hour; Laboratory (36L): 3 hours (session). *Professor McPherson*

Reference books: Morgan, Introduction to Geometrical and Physical Optics (McGraw-Hill); Robertson, Physical Optics (Van Nostrand); Wood, Physical Optics (Macmillan); Jenkins and White, Fundamentals of Optics, (McGraw-Hill); Hardy and Perrin, The Principles of Optics (McGraw-Hill).

41. MATHEMATICAL PHYSICS. Vibration problems, eigenfunctions and eigenvalues, sound waves, scattering problems. Fourier transforms and application to problems of heat conduction and diffusion. Introduction to statistical mechanics and wave mechanics.

3 hours. *Professor P. R. Wallace*

Reference books: Margenau and Murphy, The Mathematics of Physics and Chemistry (McGraw-Hill); Coulson, Waves (Oliver and Boyd); Lindsay, Concepts and Methods of Theoretical Physics (Van Nostrand); Menzel, Mathematical Physics (Prentice-Hall); Joos, Theoretical Physics (Blackie); Sommerfeld, Partial Differential Equations (Academic Press); Born, Atomic Physics (Blackie).

42. ELECTROMAGNETIC THEORY (Half course). Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials; electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics: skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennae.

First term: 2 hours; second term: 1 hour. *Professor Stansbury*

Textbook: Slater and Frank, Electromagnetism (McGraw-Hill).

Reference book: Ramo and Whinnery, Fields and Waves in Modern Radio (Wiley).

43. ATOMIC PHYSICS. Atoms, molecules and quanta; optical spectroscopy and classification of spectral lines; thermal radiation and the origin of the quantum theory; the nuclear atom and the Bohr theory of the hydrogen spectrum; Bohr-Sommerfeld quantization; further details of atomic spectra, the vector model, Zeeman effect; the periodic table; X-rays. The advent of quantum mechanics, the uncertainty principle, the exclusion principle; the Schroedinger equation and some applications. Molecular spectra; microwave spectroscopy. Some current topics in atomic physics.

2 hours. *Professor Martin*

3 hours Laboratory (43L) per week. *Dr. Telford*

NOTE: *The first half of this course, 43a, may be taken as a half course.*

Reference books: Peaslee, Elements of Atomic Physics (Prentice-Hall); Richtmeyer and Kennard, Introduction to Modern Physics (McGraw-Hill); Sawyer, Experimental Spectroscopy (Prentice-Hall); Herzberg, Atomic Spectra and Atomic Structure (Dover); Slater, Modern Physics (McGraw-Hill).

44b. RADIOACTIVITY (Half course). The phenomena of radioactive disintegration and the laws of transformations of successive products. The nature and properties of the radiations; methods of detection and of measurement. Mechanisms of absorption and scattering. Neutrons, positrons and the constitution of nuclei. Methods of producing artificial disintegrations and their products. Introduction to nuclear physics.

Second term: 2 hours. Laboratory, second term, 3 hours (held with 43L).

Professor Terroux

Reference books: Rutherford, Chadwick, and Ellis, Radiations from Radioactive Substances (C.U.P.); Hevesy and Paneth, A Manual of Radioactivity (C.U.P.); Lapp and Andrews, Nuclear Radiation Physics (Prentice-Hall); Cork, Radioactivity and Nuclear Physics (Van Nostrand); Semat, Introduction to Atomic and Nuclear Physics (Rinehart); Kaplan, Nuclear Physics (Addison-Wesley).

47a. APPLIED GEOPHYSICS (Half course). An introduction to geophysical methods of prospecting and of investigating subsurface structure. The theories, the uses, and the limitations of various magnetic, electrical, gravitational, and seismic methods are explained and compared. The practical operation of the instruments is reviewed, and actual field results are obtained and analysed. When possible, students will be given some practical experience in the field. Laboratory facilities are available.

First term: 2 hours.

Professor Watson

Texts: Eve and Keys, Applied Geophysics, 4th ed. (Cambridge Univ. Press); Dobrin, Introduction to Geophysical Prospecting (McGraw-Hill).

Reference books: Heiland, Geophysical Exploration (Prentice-Hall); Jakosky, Exploration Geophysics (Trija Publishing Co.).

48. ELECTRICAL MEASUREMENTS. D-C. instruments and measurements, complete galvanometer theory, instrument calibration; A-C. circuit theory, operational methods, applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

First term: 1 hour. Second term: 2 hours. Laboratory: 3 hours (session).

Professor Watson and Mr. deAngelis

Texts: Stout, Basic Electrical Measurements (Prentice-Hall); Harris, Electrical Measurements (Wiley).

Reference Books: Law, Electrical Measurements (McGraw-Hill); Hague, Alternating Current Bridge Methods (Pitman, London); Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Campbell and Childs, The Measurement of Inductance, Capacitance, and Frequency (Macmillan).

COURSES FOR STUDENTS PROCEEDING TO THE DEGREES OF M.A., M.Sc., OR Ph.D. IN PHYSICS

52. CLOUD PHYSICS. The development and precipitation of clouds; their study by radar and radio.

1 hour.

Professor Marshall

General References: Johnson, Physical Meteorology (Technology Press); Marshall, Hitschfeld and Gunn, contribution in Advances in Geophysics, vol. II (Academic Press).

62. QUANTUM MECHANICS (Mathematics 662). Introduction to the ideas and methods of quantum theory, with illustrations from the simpler applications in atomic and nuclear physics.

Professor Pounder

2 hours

Note: Students proceeding to a higher degree in Mathematics are given an additional hour per week. This may be attended by any student taking the course.

Textbooks: Schiff, Introductory Quantum Mechanics (McGraw-Hill); Bohm, Quantum Theory (Prentice-Hall).

63. ADVANCED ELECTRICITY AND MAGNETISM. Advanced theory and problems concerning: Electrostatics—images, transformations, coefficients, properties of dielectrics. Current electricity—conduction in infinite solids, circuit theory, loci, non-linear elements, transients, applications of Heaviside's operational methods, Laplace transforms, determinants and matrices; power machinery and transformers. Electronic devices and circuits. Conduction in gases, associated devices and circuits. Magnetic effects and circuits. Elementary electromechanics; servomechanism fundamentals.

Professor Watson

2 hours.

Textbooks: Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Lauer, Lesnick and Matson, Servomechanism Fundamentals (McGraw-Hill).

Reference books: Pender and McIlwain, Electrical Engineers' Handbook, Vol. V (Wiley); Carter, Electrical Transients (C.U.P.); Priesman, Graphical Constructions for Vacuum Tube Circuits (McGraw-Hill); Lee, Graphical Analysis of A-C Circuits (Medaugh, Johns Hopkins); Terman, Radio Engineers' Handbook (McGraw-Hill); Terman, Radio Engineering (McGraw-Hill); Reich, Theory and Application of Electron Tubes (McGraw-Hill); Nixon, Principles of Automatic Controls (Prentice-Hall).

64. THERMODYNAMICS. Starting from a review of the foundations of thermodynamics according to Carathéodory, the relation of thermodynamics to statistical mechanics is developed. Thermostatistics is then applied to problems in information theory, and to provide an introduction to the quantum theory. Thermodynamics of irreversible processes. Radiation: theory and applications in the atmosphere.

Professor Hitschfeld

First term: 2 hours.

General references: Chandrasekhar, Stellar Structure (Chicago U.P.); Hercus, Thermodynamics and Statistical Mechanics (Melbourne U.P.); Landé, Foundations of Quantum Theory (Yale U.P.); Bergmann, Heat and Quanta (Prentice-Hall); De Groot, Thermodynamics of Irreversible Processes (Interscience Publishers, New York); Johnson, Physical Meteorology (Technology Press); papers by Brillouin.

65. STATISTICAL MECHANICS AND KINETIC THEORY OF MATTER (Mathematics 665). A course in classical and quantum statistical mechanics with selected applications; statistical theories of the gaseous, liquid, and solid states.

Reference books: Mayer and Mayer, Statistical Mechanics (Wiley); Lindsay, Physical Statistics (Wiley); Fowler, Statistical Mechanics (C.U.P.); Schrödinger, Statistical Thermodynamics (C.U.P.); Rice, Statistical Mechanics (Constable, London); Kennard, Kinetic Theory of Gases (McGraw-Hill); Loeb, Kinetic Theory of Gases (McGraw-Hill).

2 hours.

Professor R. T. Sharp

Note: Course 65 will be given in alternate sessions, 1959-60, etc.

66. (a) ELECTROMAGNETIC THEORY AND (b) PHYSICAL ELECTRONICS. Transmission lines; wave guides; loaded lines and guides; retarded potentials; Hertz vectors; Huygen's principle formulated in scalar and in vector form; equivalent solution of diffraction and radiation problems by current sheets; application of these fundamentals to the calculation of microwave radiators.

Semi-quantitative treatment of the theory of solids; thermionic and photo-electric emission; the physics of semi-conductors and applications. The propagation of electron beams; the interaction of electron beams with static and alternating electro-magnetic fields, beam type microwave tubes.

2 hours.

Professor Woonton

Textbooks: Stratton, Electromagnetic Theory (McGraw-Hill); Slater, Quantum Theory of Matter (McGraw-Hill); Slater, Microwave Electronics (McGraw-Hill).

Reference Books: Schelkunoff, Electromagnetic Waves (Van Nostrand); Hume-Rothery, Atomic Theory for Students of Metallurgy (Institute of Metals, London); Shockley, Electrons and holes in Semi-Conductors Van Nostrand; Spangenberg, Vacuum Tubes (McGraw-Hill).

67. SEMINAR, NUCLEAR PHYSICS. Experimental nuclear physics from advanced undergraduate level to selected topics in current research.

2 hours.

Professor Foster

68. SEMINAR, GENERAL PHYSICS. This seminar, in which students are required to take an active part, will cover the range of topics in which those in attendance may be specializing.

Professor Marshall

2 hours.

69. SEMINAR, PHYSICAL ELECTRONICS. Experimental physical electronics from advanced undergraduate level to selected topics in current research.

Professor Woonton

2 hours.

*70. ADVANCED STATICS, DYNAMICS, HYDRODYNAMICS, AND SOUND.

2 hours.

Textbook: Lamb, Higher Mechanics (C.U.P.).

Reference books: Lamb, Dynamical Theory of Sound (Arnold); Bateman, Dryden and Murnaghan, Hydrodynamics (N.R.C., U.S.A.); Goldstein, Fluid Dynamics (Clarendon).

71. ADVANCED GEOPHYSICS (APPLIED). Selected topics as enumerated in prerequisite course 47a (Arts and Science Announcement) are given more advanced mathematical and physical treatment. Supplementary theory, problems and analysis of field results are added. A laboratory is run concurrently whereby the various methods are demonstrated qualitatively and quantitatively. Facilities are available for some research work in Geophysical problems. Arrangements for practical experience in the field will be made where possible.

Professor Watson

2 hours.

Textbooks: Eve and Keys, Applied Geophysics (C.U.P.); Dobrin, Milton B., Introduction to Geophysical Prospecting (McGraw-Hill 1952); Jakosky, J. J., Exploration Geophysics (Trija Publishing Co. 1950); Heiland, Geographical Exploration (Prentice-Hall).

Note: This course is designed primarily for candidates for the degree in Mineral Exploration as described on page 2695.

75A, 75B, 75C. These are the reference numbers for the first three *Preliminary Ph.D. Examinations*, namely the *General Paper* (75A), the *Problem Paper* (75B), and the *Preliminary Oral* (75C).

76. Reference number of the *Special Paper* of the Preliminary Examinations. This paper covers the specific fields of Physics bearing on the research of the candidate.

---

*Not offered in 1958-59.

81, 82, 83. RESEARCH. These are the reference numbers for registration of research requirements for M.Sc. and Ph.D. students. The respective numbers refer to the research work conducted in the minimum three years of progress towards the Ph.D. degree, as noted below.

A suitable selection of the above courses may be made by qualified students when Physics is taken as a partial or a cognate subject.

Requirements for Master's Degree and First Year Ph.D.. (a) Research 81, and M.Sc. thesis thereon. (b) Physics 62; (c) Two other courses to be chosen with the approval of the Supervisor of the student's research and the Chairman of the Department.

Second Year Ph.D.: (a) Research 82. (b) Preliminary Examinations in December. (c) Seminar 67, 68, or 69. One additional course in Physics, Mathematics, or cognate subject may be permitted, or required, with the approval of the Supervisor of the student's research, and of the Chairman.

Third Year Ph.D.: Completion of research 83, and Ph.D. thesis thereon. Final Oral. One course, examination optional, is also required.

For Ph.D. language requirements see page 2629.

Attendance at the Physical Society, seminars, and other scientific meetings, and the presentation of papers, form an important element in the training of graduate students.

DEPARTMENT OF PHYSICS

(Macdonald College)

Professor	WILLIAM ROWLES, *Chairman*
Associate Professor	W. F. OLIVER
Assistant Professor	B. P. WARKENTIN
Lecturer	D. M. FRASER

The courses below may form part of the required courses for graduate students in Physics (see page 2729), or may be taken by students in other departments as a cognate subject.

COURSES AVAILABLE TO GRADUATE STUDENTS

A. ADVANCED BIOPHYSICS

2 hours, second term. *Professor Rowles*
(*Given in 1959-60.*)

B. THEORY OF PROBABILITY

2 hours, second term. *Professor Oliver*
(*Given in 1958-59.*)

DEPARTMENT OF PHYSIOLOGY

Professors	F. C. MacIntosh, *Chairman* A. S. V. Burgen
Associate Professors	B. Delisle Burns H. Garcia-Arocha
Assistant Professors	Simon Dworkin Bernice Grafstein Paul Sekelj Kathleen G. Terroux
Lecturers	J. Q. Bliss G. C. Salmoiraghi

Candidates who as undergraduates have satisfactorily completed the Honours Course in Physiology or in Physics and Physiology may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department. Others will uaually have to spend a longer time in preparation, or take a qualifying year. Candidates for the Ph.D. degree must pass a general examination in Physiology, but will be judged principally by the ability they display in research. Candidates for either degree are expected to attend the graduate courses listed below, and may be required also to pass certain advanced undergraduate courses in Physiology or related subjects.

The main research interests of the Department are at present the chemical and electrical behaviour of the nervous system and of secretory tissues, the release of physiologically active substances from tissues, the physiology of serous cavities and the development of physical apparatus for medical and physiological research.

ADVANCED UNDERGRADUATE COURSES

41. ADVANCED GENERAL PHYSIOLOGY

3 hours lecture and 8 hours laboratory. (First term)

42. ADVANCED MAMMALIAN PHYSIOLOGY

3 hours lecture and 8 hours laboratory. (Second term)

43a. PHYSIOLOGICAL INSTRUMENTATION

2 hours lecture and laboratory. (First term)

43b. SELECTED TOPICS IN PHYSIOLOGY

1 hour lecture, laboratory and seminar. (Second term)

GRADUATE COURSES

61. LECTURES ON SELECTED ADVANCED TOPICS. The subject matter varies from year to year.

1 hour.

62. PHYSIOLOGICAL COLLOQUIUM

1 hour.

DEPARTMENT OF PLANT PATHOLOGY

(Macdonald College)

Professor — J. G. COULSON, *Chairman*

Assistant Professors — E. O. CALLEN; R. H. ESTEY; R. L. PELLETIER

Research Associate — N. COLOTELO

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates must have completed satisfactory undergraduate courses in Plant Morphology, Physiology, Taxonomy, Histology, and Cytology. Specialists in Plant Pathology should possess a general knowledge of the fundamental practices in Agronomy and Horticulture.

COURSES FOR THE DEGREES OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

61. HISTORY OF PLANT PATHOLOGY

1 lecture for 1 term. Extra reading required. *Professor Estey*

Textbook: Whetzel, History of Phytopathology (Saunders).

62. ADVANCED MYCOLOGY

A general course in Systematic Mycology is a prerequisite.

2 lectures and 2 laboratory periods. *Professor Estey*

Textbooks: Wolf and Wolf, Fungi vol. II (Wiley); Bessey, Morphology and Taxonomy of the Fungi (Blakiston); Alexopoulos, Introductory Mycology (Wiley).

63. ADVANCED PLANT PATHOLOGY

2 lectures and 2 laboratory periods. *Professors Coulson and Pelletier*

Textbooks: Walker, Plant Pathology (McGraw-Hill); Butler and Jones, Plant Pathology (Macmillan).

64. PRINCIPLES OF PLANT PATHOLOGY

2 lectures and 3 laboratory periods. *Professors Coulson and Pelletier*

Textbooks: Gaümann, Principles of Plant Infection (Crosby Lockwood & Son); Lilly and Barnett, Physiology of the Fungi (McGraw-Hill).

65. PLANT PHYSIOLOGY (Course 61 or 63—Department of Botany).

66. SEMINAR. A course entailing reading, discussion, appreciation and criticism of research articles, monographs, etc.

Staff

1 period.

Candidates for the Master's degree and first year Ph.D. students must satisfy the requirements of course 66 and two from 62, 63, 64, and 65.

Second year Ph.D. students are required to take course 66 and all other courses listed above which were not taken during the previous year.

Third year Ph.D. students devote most of their time to research and the writing of a thesis. A candidate may be held responsible for a course in a cognate subject bearing upon his research.

The Ph.D. degree in Plant Pathology is offered in close association with the Department of Botany. The preliminary oral examination is conducted jointly by both Departments. The research and thesis must be in the field of Plant Pathology.

DEPARTMENT OF POULTRY HUSBANDRY

(Macdonald College)

Professor — W. A. MAW, *Chairman*

Associate Professor — NIKOLAI NIKOLAICZUK

Specialization in poultry husbandry in undergraduate training is preferred. Other candidates should have a background in biological chemistry or genetics where specialization is desired in poultry nutrition or poultry genetics respectively.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. ADVANCED POULTRY NUTRITION

Candidates for the M.Sc. in Poultry Husbandry (Nutrition) will take course A and at least two of the following: Agronomy 60 (Experimentation), Biochemistry 32 (McGill: Endocrinology), Biochemistry 45 (McGill: Oxidation and Metabolism).

3 hours, session.

B. ADVANCED POULTRY BREEDING

Arrangements are made to have a limited number of candidates register in the Department of Genetics for the required course work. The thesis problem can be conducted in the Department of Poultry Husbandry. The Departments are jointly responsible for such candidates.

3 hours, session.

DEPARTMENT OF PSYCHIATRY

Professors
D. Ewen Cameron, *Chairman*
A. E. Moll

Associate Professors
R. A. Cleghorn
R. B. Malmo
W. Clifford M. Scott
Baruch Silverman
Taylor Statten
E. D. Wittkower

Assistant Professors
Saul Albert
J. Aufreiter
T. J. Boag
Carlo Bos
T. E. Dancey
V. A. Kral
H. E. Lehmann
A. W. MacLeod
M. Saffran
C. Shagass
T. L. Sourkes

COURSES FOR THE DEGREE OF MASTER OF SCIENCE IN PSYCHIATRY

Admission is restricted to candidates who hold an M.D. with good standing from an approved institution, and have adequate postgraduate experience in clinical psychiatry.

The length of the course cannot be less than one year, which must be spent in non-clinical research, the research subject and thesis topic to be approved beforehand by the Chairman of the Department of Psychiatry and the Dean of the Faculty of Graduate Studies and Research. If more than one year is required by the candidate, the portion of time in excess of one year must be spent mainly, though not exclusively, in research.

Adequate library and laboratory facilities are available in the Department of Psychiatry (Allan Memorial Institute) for the courses listed below and for research.

A. ADVANCED PSYCHOTHERAPEUTICS
1 hour. *Professor Cameron and Staff*

B. ADVANCED PSYCHODYNAMICS
1 hour. *Professor Cameron and Staff*

C. COLLOQUIUM ON CLINICAL PSYCHIATRY
1 hour.

D. COGNATE SUBJECTS:
Each student will be required to take certain courses in cognate subjects, such as Psychology, Sociology, Endocrinology, and Neurology. These will be determined upon the basis of the special field of psychiatry in which the candidate's research work is being carried out.

DEPARTMENT OF PSYCHOLOGY

Professors — D. O. HEBB, *Chairman*; G. A. FERGUSON

Associate Professors — DALBIR BINDRA; R. B. MALMO

Assistant Professors — W. HERON; W. E. LAMBERT; P. M. MILNER; M. S. RABINOVITCH

Research Associates — S. FILLENBAUM; HELEN MAHUT; W. K. STEWART

APPLIED PSYCHOLOGY CENTRE

Professor — E. C. WEBSTER, *Director*

Assistant Professors — W. N. MCBAIN; E. G. POSER

Lecturer — BLOSSOM WIGDOR

Graduate work in the Department of Psychology follows two main lines: experimental-theoretical, including comparative, physiological, and social psychology, as well as statistical method, leading to M.A., M.Sc., and Ph.D. degrees; and applied psychology, chiefly in the industrial, clinical, and guidance fields, leading to M.Sc.(Appl.) and Ph.D. degrees.

No distinction in training is made between M.A. and M.Sc. degrees; which of these the candidate enrols for is determined by his Bachelor's degree (*i.e.*, B.A. is followed by M.A., B.Sc. by M.Sc.).

Admission to graduate work will depend on the estimate made by members of the department of the student's aptitude for original contributions to knowledge, or for professional contribution in the applied field. It will not depend merely on high marks made in course work, nor on the student's having taken a large number of courses in psychology. In addition to a biologically-oriented introductory course the student should have four full courses (each the equivalent of six semester-hours), including experimental, systematic (or theoretical) psychology, and some knowledge of the historical development of modern ideas. Some knowledge of statistical method as applied to psychological problems (equivalent to an introductory course in this field) is essential.

Equally necessary are a knowledge of elementary physiology and of physics or chemistry, some comprehension of philosophical thought, and of modern developments in other social sciences. All students, no matter what kind of specialization is ultimately aimed at, are expected to have the same core of undergraduate training, equivalent to the Honours degree at McGill. The student who has not sufficient preparation, either in psychology or in the related subjects referred to above, but has shown promise of aptitude for advanced original work, can be accepted after the completion of a qualifying year.

Application should be made by April 1. Candidates must submit with their applications the results of the Miller Analogies Test. Those who are not at a centre where the Miller Analogies can be given should make arrangements for a special examination.

COURSES

51. METHODS OF TEST CONSTRUCTION
Methods of measurement, reliability, validity, item analysis, etc.
1½ hours.

52. APPRAISAL OF INTELLIGENCE
Use of Stanford-Binet and Wechsler tests primarily.
1½ hours.

55. APPRAISAL OF PERSONALITY
Review of current methods of personality assessment.
3 hours.

56. EDUCATIONAL AND VOCATIONAL GUIDANCE
3 hours.

57. ABNORMAL PSYCHOLOGY
3 hours.

58. ADVANCED EDUCATIONAL PSYCHOLOGY
3 hours.

59. ADVANCED PERSONALITY APPRAISAL
3 hours.

61. ADVANCED STATISTICS. A didactic advanced course.
3 hours.

62. PSYCHOLOGICAL THEORY. Seminar designed as an introduction to other courses listed below.
3 hours.

63. SEMINAR IN ADVANCED EXPERIMENTAL PSYCHOLOGY
2 hours.

64. SEMINAR IN COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY
2 hours.

65. SEMINAR IN DEVELOPMENTAL PSYCHOLOGY
2 hours.

66. SEMINAR IN SOCIAL PSYCHOLOGY
3 hours.

67. SEMINAR IN INDUSTRIAL PSYCHOLOGY
3 hours.

68. SEMINAR IN MEASUREMENT AND QUANTITATIVE ANALYSIS
3 hours.

69. SEMINAR IN PERSONALITY
2 hours.

70. CONFERENCES ON THE THESIS. Required of all candidates for the M.A. or M.Sc. degree, with course standing to be assigned on conclusion of the comprehensive examination.

REQUIREMENTS FOR M.A. AND M.Sc. DEGREES

Candidates must demonstrate a sound knowledge of modern theory, of its historical development, and of the logic of statistical methods as used in psychological experiment. They will be expected to have an understanding of the main lines of current work in other than their own particular field of specialization.

All candidates must take courses 61, 62, and 70, and in addition any other course specified by the Department. The primary concern of the candidate, however, is his thesis. For this the exploratory work, at least, should get under way early in the year. Following presentation of the

thesis, a comprehensive written or oral examination will be held which, in conjunction with the thesis itself, will determine the candidate's final standing for the degree.

REQUIREMENTS FOR THE Ph.D. DEGREE

The candidate for the Ph.D. degree must demonstrate a broad scholarship, mastery of current theoretical issues in psychology and their historical development, and a detailed knowledge of his special field. Preliminary examinations will be held at two stages: one at the time of the Master's degree or immediately afterward, and one at the conclusion of the following year. These examinations may be written or oral, or both, at the discretion of the Department. They will cover three fields, as follows: (a) modern theoretical issues and history; (b) "experimental" (normal human adult) psychology and statistical methods; and (c) one from the following: comparative and physiological psychology; developmental psychology; social psychology; personality; advanced statistics; industrial psychology; clinical psychology.

REQUIREMENTS FOR THE M.Sc.(Appl.) DEGREE

The degree of M.Sc.(Appl.) in industrial, guidance, or clinical psychology is awarded to candidates who achieve a high standard of scholarship in psychology and who have demonstrated an aptitude for the professional application of psychological knowledge. The minimum time necessary to attain the degree is two years.

Individuals following the industrial and guidance sequences will normally concentrate in the first year on class work carrying five courses and the second year will be spent in full time practical work under approved supervision. Individuals in the clinical programme will spread courses over two years with the remainder of the time being given to practical clinical work under psychological supervision.

Award of the degree M.Sc.(Appl.) will be determined by the student's standing in course examinations, by his standing in a comprehensive examination or examinations, and by the report of his supervisors concerning his fitness for professional work in psychology.

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

Associate Professor W. A. WESTLEY, *Chairman*

Assistant Professors
FREDERICK ELKIN
JACOB FRIED
AILEEN D. ROSS
DAVID N. SOLOMON
TOSHIO YATSUSHIRO

Lecturer	COLETTE CARISSE
Research Assistants	ROSALYND BAYLIN SHIRLEY DIAMOND

The Department of Sociology and Anthropology offers work towards the M.A. degree both to the student who has taken Honours in sociology or anthropology within the university and to qualified students from other universities who have the B.A. degree.

SOCIOLOGY

The undergraduate courses prerequisite to graduate work are: 310a, 311b, 340a, 380a, 421b, 430a, 432a, 433b, and any two of the following: 300, 411b, 440b, 450a, and 460b. These courses are available to students who are completing the entrance requirements for graduate work. In addition, courses in the fields of Criminology, Collective Behavior, Mass Communications, and Minority Groups are available to graduate students by special arrangement. A student transferring to McGill would be expected to have attained the equivalent of satisfactory Honours standing (a minimum of 65% in each course) in the prerequisite courses. For further information regarding the undergraduate courses in Sociology, consult the Announcement of the Faculty of Arts and Science.

To obtain the M.A. degree the student is required to register for three graduate seminars (Sociology 610, 710, 720). However, the primary concern of the candidate is his thesis. For this, the exploratory work at least should be undertaken early in the graduate year. Following the presentation of the thesis, a comprehensive oral examination will be held which, in conjunction with the thesis itself, will determine the candidate's final standing for the degree.

The Department encourages research in following areas:

(1) Social stratification and mobility;

(2) The relationship of Ethnic and other Minority Groups;

(3) Public Opinion and the Media of Mass Communications;

(4) Collective Action and Social Movements;

(5) Education and Socialization;

(6) Specific Institutions and Professions such as the family, the hospital, the Medical Profession, etc.

(7) Industrial Institutions and Business Organizations.

Students trained elsewhere who lack the entrance requirements for graduate work at McGill may fulfil these by registering for a Qualifying year.

COURSES OFFERED

300a. THE COMMUNITY. Third or Fourth year (Half course). Rise of modern urbanism; human ecology and theories of urban growth; community studies on the North American continent.

3 hours, first term. *Professor Ross*

310a. PRE-INDUSTRIAL SOCIETIES. Third year (Half course). The comparative study of social organization among pre-industrial societies. The course will deal principally with the analysis of social systems as these appear in cultures at various levels of complexity.

3 hours, first term. *Professor Yatsushiro*

311b. COMPLEX SOCIETIES. Third year (Half course). Social systems of modern, complex, industrial societies; scientific, economic, political, religious, health, and other institutional structures; voluntary associations; the role of small groups in institutions; bureaucratization of institutions.

3 hours, second term. ———

340a. THE FAMILY. Third year (Half course). The structure and function of the family and its relation to other community institutions; interpersonal relationships within the family; the family and social change; family disorganization and reorganization.

3 hours, first term. *Professor Westley*

380a. SOCIOLOGY OF THE CHILD. Third year (Half course). The social development of the individual from infancy to adulthood, emphasizing theories of human nature and socialization; childhood and adolescent roles; the influence of culture, the family, and peer groups.

3 hours, first term. *Professor Elkin*

411b. SOCIAL STRATIFICATION. Fourth year (Half course). The theory of caste and class divisions in modern society; the structure of class groups in the United States and Canada; the criteria of rank and the symbols associated with rank; the relationship between occupation, education, and class position; problems of upward and downward mobility.

3 hours, first term. *Professor Ross*

421b. SOCIAL PSYCHOLOGY. Fourth year (Half course). Personality development; the origin of the self; the relationship between language and behavior; the emergence of social behavior; the analysis of social action.

3 hours, second term. *Professor Westley*

430a. HISTORY OF SOCIOLOGY. Fourth year (Half course). Social thought and historical developments which led to the development of sociology

as a separate discipline; early sociologists in Europe and America; recent trends in areas of interest and research methodology.

3 hours, first term.

432a. TECHNIQUES OF SOCIOLOGICAL RESEARCH I. Fourth year (Half course). The formulation of research projects; use of documents, census and other available data; collection of data through observation and interviewing; analysis of non-quantitative material.

3 hours, first term. *Professor Solomon*

433b. TECHNIQUES OF SOCIOLOGICAL RESEARCH II. Fourth year (Half course). Introduction to survey research: the selection of samples, construction of questionnaires and scales, analysis and interpretation of data.

3 hours, second term.

440b. POPULATION AND MIGRATION. Fourth year (Half course). Populations and their composition; age, sex, and language groupings, birth rates, death rates and population growth; the structure of the labour force and changes therein; international migration, domestic migration, and the forceful transfer of populations; migration policies. The major emphasis is on the Canadian scene.

3 hours, second term.

(*Not given in 1958-59.*)

450a. OCCUPATIONS AND PROFESSIONS. Fourth year (Half course). Historical development of specialized occupations and professions; occupational mobility; occupational choice; stages of careers; social control of relations with clients, customers, fellow workers, and other interested parties; professional and trade associations; work and the self.

3 hours, first term. *Professor Solomon*

460b. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS. Fourth year (Half course). Industrial and other work institutions; the concept of bureaucracy; operation of bureaucracies; formal and informal organization of the work world; roles of managers, executives, foremen, and workers; the plant and the community; industry and society.

3 hours, second term. *Professor Solomon*

Note: Sociology 450a and Sociology 460b may be regarded as a sequence in the Sociology of work.

610. SOCIAL COMMUNICATIONS AND PERSONALITY (Full course). Seminar for advanced study in the theory of social communications and interaction; emphasis is placed on the development of the social self, and the socio-linguistic bases of human communication.

3 hours, both terms. *Professor Elkin*

710. THE SOCIAL DIVISION OF LABOR (Full course). A discussion of recent theory pertaining to social organization, largely concerned with the works of Durkheim, Weber, and contemporary American writers.

3 hours, both terms. *Professor Solomon*

720. READING IN SOCIAL THEORY (Full course).

3 hours, both terms. *Staff*

ANTHROPOLOGY

The undergraduate courses prerequisite to graduate work are: Anthropology 310a, 324a, 420b, 471a, 480b, 490a; Sociology 432a, 433b; and any three of the following—Anthropology 321b, 322b, 323b, 326b. These courses are available to students who are completing the entrance requirements for graduate work. In addition, seminars on North American Indians and Eskimos, and on selected problems in anthropological research are available to graduate students. A student transferring to McGill would be expected to have attained the equivalent of satisfactory Honours standing (a minimum of 65% in each course) in the prerequisite courses. For further information regarding the undergraduate courses in Anthropology, consult the Announcement of the Faculty of Arts and Science.

To obtain his M.A. degree the student is required to register for three graduate seminars. However, the primary concern of the candidate is his thesis. For this, the exploratory work, at least, should be undertaken early in the graduate year. Following the presentation of the thesis, a comprehensive oral examination will be held which, in conjunction with the thesis itself, will determine the candidate's final standing for the degree.

The Department encourages research in the following subjects:

(1) North American Indians and Eskimos;

(2) Economic Development and Culture Change;

(3) Culture and Mental Health.

Students trained elsewhere who lack the entrance requirements for graduate work at McGill may fulfil these by registering for a Qualifying year.

COURSES OFFERED

310a. PRE-INDUSTRIAL SOCIETIES. Third year. The comparative study of social organization among pre-industrial societies. This course will deal principally with the analysis of social systems as these appear in cultures at various levels of complexity.

3 hours, first term. *Professor Yatsushiro*

311b. COMPLEX SOCIETIES. Third year. Identical with, and described under, Sociology 311b.

3 hours, second term.

321b. ETHNOLOGY OF ASIA AND OCEANIA. Third or Fourth year. The native cultures of India, China, Japan, South-east Asia, Melanesia, Micronesia, and Polynesia; racial and cultural origins; ethnographic accounts of representative societies.

3 hours, second term. *Professor Yatsushiro*

(*Given in 1958-59 and alternate years.*)

322b. THE ETHNOLOGY OF AFRICA AND THE MIDDLE EAST. Third or Fourth year. Description and analysis of representative native cultures of this area. Problems of culture contact will be treated.

3 hours, second term. *Professor Yatsushiro*

(*Given in 1959-60 and alternate years.*)

323b. INDIANS OF THE NEW WORLD. Third or Fourth year. Description and analysis of representative native cultures of North, Middle, and South America. Special attention will be given to the Indians and Eskimos of Canada and United States.

3 hours, second term. *Professor Fried*

(*Given in 1959-60 and alternate years.*)

324a. DEVELOPMENT OF CULTURE. Third year. The study of the development of culture from prehistoric to modern times based upon description and analyses from paleontological, archeological and ethnological research. Analysis of technological and social innovations and their relation to culture complexity.

3 hours, first term. *Professor Yatsushiro*

325b. THE CULTURE AND SOCIAL ORGANIZATION OF FRENCH CANADA. Third or Fourth year. The description and analysis of the culture and social organization of French Canadians in the Province of Quebec and of French-speaking groups in North America.

3 hours, second term.

(*Not given in 1958-59.*)

326b. PRIMITIVE RELIGION. Third or Fourth year. The study of religion in tribal and pre-industrial societies with special reference to the relationship of religious beliefs and practices to other cultural activities. Magic, witchcraft, animism, animatism, ancestor worship and totemism are discussed.

3 hours, second term. *Professor Fried*

(*Given in 1958-59 and alternate years.*)

420b. CULTURE AND PERSONALITY. Fourth year. The study of the cultural background of personality; the effects of socialization on personality formation in diverse types of cultures, primitive and modern; the relation of social structure and cultural values to personality dynamics.

3 hours, second term. *Professor Fried*

471a. THEORIES AND METHODS OF ANTHROPOLOGY. Fourth year. Examination of methodological and conceptual problems in Social Anthropology; categories of behaviour; levels of analysis; the nature and role of theoretical models, of description and explanation, of assumption, concept, inference, hypothesis, observation, measurement, and their interrelationships in anthropological analysis.

3 hours, first term. *Professor Yatsushiro*

(*Not given in 1958-59.*)

480b. DYNAMICS OF CULTURE CHANGE. Fourth year. Examination of the process and determinants of culture change as illustrated in case studies of selected peoples. The cultural reorganization resulting from social and technological innovations and outside contact is analyzed.

3 hours, second term. *Professor Yatsushiro*

490a. CULTURAL THEORY. Fourth year. A survey of the historical development of anthropological theories of culture. Evolutionary, diffusionist, historical, functional, psychological, and other approaches are discussed.

3 hours, first term. *Professor Fried*

620. ABORIGINAL POPULATIONS OF QUEBEC. The seminar will deal with problems in the historical reconstruction of Indian and Eskimo cultures and examine the present status of native populations in the province.

3 hours. *Professor Fried*

630. SOCIAL INSTITUTIONS OF FRENCH CANADA. A discussion of the main institutions characteristic of French Canada.

3 hours.

(*Not given in 1958-59.*)

640. SEMINAR IN ANTHROPOLOGY. The seminar will examine selected topics and areas of study that will be determined in part by student need.

3 hours, one term. *Professor Yatsushiro*

DEPARTMENT OF ZOOLOGY

Professors JOHN STANLEY, *Chairman*
N. J. BERRILL

Associate Professors M. J. DUNBAR
H. R. SCOTT

Lecturer JOAN MARSDEN

Special Lecturer (Professor of Parasitology and Director of the Institute of Parasitology at Macdonald College) T. W. M. CAMERON

Graduate students are expected to take such courses, including cognate courses in other departments, as relate to their particular line of specialization, if not previously taken. Qualifying students may be required to take up to five full courses, others will take from two or three in their first year to none in their last year. Primary emphasis for both the M.Sc. and Ph.D. is placed upon research and thesis presentation.

Ph.D. candidates will be required to write a comprehensive examination lasting six hours in February of their penultimate year. Copies of past papers are available in the Department.

The Department specializes in work bearing on developmental theories, embryology, histology, limnology, biomathematics, marine and Arctic biology.

Excellent laboratory and library facilities are available for research, including constant temperature equipment. The Blacker and Wood Zoological Libraries comprise over 50,000 volumes.

Students are accepted on the basis of a good Honours degree from a Canadian or British University, or on the basis of first class standing with a major in the biological field from an American or other University. Students applying on the basis of an Honours degree in the General Honours in the Biological Sciences course offered at McGill University should have at least a high second class, and should understand that they may have to spend additional time in fortifying their knowledge of zoology.

324. ADVANCED INVERTEBRATE ZOOLOGY (*except* ARTHROPODA). A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of invertebrate animals other than the Phylum Arthropoda. Graduate students will be expected to do additional work and reading.

2 lectures and 3 hours laboratory per week. *Professor Stanley*

Textbooks: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan).

(*Offered in alternate years with Zoology 325 and 325L. Not offered in the session 1958-59.*)

325. THE ARTHROPODA. A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of animals of the

Phylum Arthropoda. Graduate students will be expected to do additional work and reading. Students taking Zoology 325 must also take Zoology 325L, the laboratory course, and must take it in the same year as Zoology 325.

3 lectures per week. *Professor Stanley*

Textbooks: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan).

(*Offered in alternate years with Zoology 324. Offered in the session 1958-59.*)

325L. ARTHROPODA LABORATORY. The laboratory work of Zoology 325. It must be taken along with Zoology 325, in the same year. A laboratory outline is issued by the Department.

2 laboratory periods of 2 hours each, per week. *Professor Stanley*

(*Offered in alternate years with Zoology 324. Offered in 1958-59.*)

431. HISTOLOGICAL TECHNIQUE (PRACTICE AND THEORY). Training in the making of various types of histological preparations, discussion of the theories involved, and interpretation of the results obtained.

1 hour lecture and 6 hours laboratory per week. *Professor Scott*

Textbook: Lillie, *Histopathological Technic and Practical Histochemistry* (Blakiston).

Prerequisite: Zoology 322a (Second class standing).

332. ANIMAL ECOLOGY. A study of the inter-relations between animals, groups of animals, and their environments. The zoogeography of terrestrial, marine and fresh water populations; the analysis of the physical environment in all three divisions of the biosphere; migrations, emigrations, and other movements of animals, and the numerical behaviour of populations. Ecology and Evolution. Graduate students will be expected to do additional work and reading.

3 lectures per week. *Professor Dunbar*

Textbook: Hesse, Allee and Schmidt, *Ecological Animal Geography* (Wiley).

435. APPLIED BIOMATHEMATICS. A study of mathematical theories of growth and form, mathematics as applied to the growth of populations; host-parasite relations, relative growth, radio-active tracers, etc. Graduate students will be expected to do additional work and reading.

2 lectures per week, first term; 1 per week, second term.

Professor Stanley

Prerequisite: A working knowledge of the calculus.

337a. THE HISTORY OF BIOLOGY. A study of the development of scientific observation in biology, with emphasis on zoology, from the Sixth Century B.C. to the present day. The history of anatomy, comparative morphology, embryology, palaeontology, and ecology. Theories of the relationships of animals, and parts of animals, and of their evolution. Philosophical history of biology. Biological expeditions. Graduate students will be expected to do additional work and reading.

3 lectures per week, first term. *Professor Dunbar*

Textbooks: Singer, *Short History of Biology* (H. K. Lewis); Nordenskiold, *History of Biology* (Tudor).

(*Offered in alternate years with Zoology 446a. Offered in 1958-59.*)

343b. LIMNOLOGY. A study of the fresh water environment and its organisms. The classification of inland waters, physical and chemical characteristics of lakes, the plankton and nekton, cyclomorphosis, the benthos, productivity and developmental sequence in lakes, running water systems, special environments.

Second term: 3 lectures per week. Field trips if possible. *Dr. Marsden*

345. PHYSIOLOGICAL ZOOLOGY. A functional study of diverse mechanisms which have been evolved in different types of animals to carry on such basic activities of life as nutrition, water balance, nitrogen excretion, respiration, locomotion, stimulus reception, nervous and endocrine co-ordination.

2 hours lectures and 3 hours laboratory per week throughout the session. *Dr. Marsden and Professor Scott*

Prerequisites: Zoology 211 or 221, and Physiology 22.

446a. SYSTEMATICS AND EVOLUTION OF VERTEBRATES. A study of the present systematics of the vertebrate classes, presented in terms of their past histories since the periods of their first appearance.

3 lectures per week, first term. *Professor Dunbar*

(*Offered in alternate years with Zoology 337a. Not offered in 1958-59.*)

551. ARCTIC ZOOLOGICAL RESEARCH. A seminar course for graduate students designed to stimulate interest in zoological work and research in Arctic North America. The history of zoological work in the north, special problems, conservation and development, field methods. Introduction to the literature.

1 hour per week. *Professor Dunbar*

552. THE GROWTH OF POPULATIONS. A study of the works of Bailey, Crombie, Gause, Lotka, Malthus, Mendes, Nicholson, Salt, Stanley, Volterra,

Weiner and others relative to mathematical theories of the growth of populations. A laboratory study of a population and analysis of the results.

Seminars, lectures and laboratory work equivalent to 2 hours lectures and 3 hours laboratory per week for 2 terms. *Professor Stanley*

Prerequisite: Zoology 435 and ready familiarity with calculus, differential equations, theory of equations, etc.

553. MARINE BIOLOGY. A study of the fundamentals of, and methods in, marine biology (including physical oceanography). An introduction to the literature.

1 hour per week. *Professors Berrill and Dunbar*

LIBRARIES

All resident graduate students have access to the Redpath Library, containing over 500,000 volumes. The building also houses a number of special collections, such as the Blacker Library of Zoology. The Libraries of Engineering and of Medicine are housed in the Engineering and Medical buildings; the latter includes much of the material for the medical sciences, and a separate room contains the Osler Library, devoted principally to medical history. There are special libraries for Commerce and Law and at Macdonald College. A number of departments maintain special libraries, of which the most extensive are in Chemistry, Geology, and Physics, grouped together in the Physical Sciences Centre. All of these collections may be consulted by resident graduate students, though the hours for reading and the conditions under which books may be consulted or borrowed are not the same in all cases.

Library School
1958-1959

McGill University



Montreal

Library School

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Institute of Education
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture and School of Household Science)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. For limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

Library School

The Library School is under the administrative jurisdiction of the Faculty of Arts and Science.

ADMINISTRATIVE OFFICERS OF THE UNIVERSITY

F. Cyril James, Chevalier de la Légion d'Honneur, Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

D. L. Thomson, Ph.D., LL.D., F.C.I.C., F.R.S.C. — *Vice-Principal and Dean, Faculty of Graduate Studies and Research*

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean, Faculty of Arts and Science*

John H. Holton, B.Com. — *Secretary of the Board of Governors*

Colin M. McDougall, D.S.O., B.A. — *Registrar*

G. A. Grimson, B.Com. — *Comptroller*

D. C. Bain, B.A. — *Chief Accountant*

LIBRARY SCHOOL STAFF*

Vernon Ross, B.A., B.S. in L.S. (Columbia), M.A.
Director of the Library School and Associate Professor of Library Science

Virginia Murray, B.A., B.L.S., M.A. (Columbia) — *Assistant Professor*

Effie Astbury, B.A., B.L.S., M.L.S. (Toronto) — *Assistant Professor*

Violet Coughlin (Mrs. Erroll), B.Sc., B.L.S., M.A. (Columbia)
Assistant Professor

Beryl L. Anderson, B.A., B.L.S., M.A. (Dalhousie) — *Lecturer*

Richard Pennington, B.A. (Birmingham), Lib.Dipl. (Lond.)
Librarian, McGill University, and Sessional Lecturer

Grace E. De Jong (Mrs. John H.) — *Secretary*

**Degrees received from McGill University carry no institutional designation.*

CALENDAR

1958

September 22, Monday. Students register in the Library School.

September 23, Tuesday. Lectures begin in the Library School.

December 20, Saturday. Christmas Holidays begin.

1959

January 5, Monday. Lectures resume in the Library School.

January 16, Friday. First term ends in the Library School.

January 19, Monday, to January 23, Friday. Examinations in the Library School.

January 26, Monday. Second term begins in the Library School.

March 27, Friday, to March 30, Monday. Easter Vacation.

May 8, Friday. Lectures end in the Library School.

May 13, Wednesday, to May 20, Wednesday. Examinations in Library School.

May 29, Friday. Convocation.

Dates to be announced: Library School trip. Field work.

Special dates for M.L.S. *students:* see page 3017.

McGill University

LIBRARY SCHOOL

GENERAL

McGill University was the first institution in Canada to provide library training and the first to grant the degree in library science. Short summer courses were given from 1904-1927, the first regular sessional course being in 1927-28. The School was accredited by the Board of Education for Librarianship of the American Library Association and the B.L.S. (5th year) degree was first conferred in May, 1931. In 1957 the School was reaccredited as a graduate library school by the Committee on Accreditation of the American Library Association, and it is listed with those library schools which give the M.L.S. (5th year) degree. The McGill M.L.S. is given after a 6th year of study and is a research degree for advanced graduate work only. It is open to experienced librarians who already hold a 5th year B.L.S. or a 5th year M.L.S. For description see page 3016.

University graduates are trained for professional library work of all kinds—in university and college, public, school, children's, and special libraries. The school is situated in a large city in which are to be found all types of library and it is a part of a university with a tradition of sound scholarship. It occupies rooms in the main University Library building and its students have access to the stacks of the University Library.

DEGREE OF BACHELOR OF LIBRARY SCIENCE

Candidates who successfully complete all the required work of the School are entitled to receive the degree of Bachelor of Library Science (B.L.S.) at the May Convocation and to wear the regulation black Bachelor's gown and a Bachelor's hood of black, lined with burnt orange silk and trimmed with white rabbit fur. Academic costume for graduation may be rented at the Registrar's Office.

REQUIREMENTS FOR ADMISSION

1. Applicants for admission to the course leading to the degree of Bachelor of Library Science must have a Bachelor's degree from an approved University or College. This degree must represent four years of work beyond the McGill Matriculation requirement or its equivalent.

Applicants must present an official transcript of their University or College record.

The School will take into account the character of the applicant's undergraduate studies and his, or her, suitability for library work. Courses in the humanities, sciences, and social studies are recommended as forming a suitable basis for subsequent training in library work, and it is expected that the applicant's academic grades shall have been better than average. Students whose undergraduate courses are unsuitable as a preliminary to Library School work may be required to undertake some supplementary preparation.

2. Applicants over thirty-five years of age will be considered for admission only in exceptional cases. They are at a disadvantage when applying for a position and usually find intensive study difficult. Exceptions may be made for those having special educational qualifications or several years of experience in library work.

3. As no one with *serious physical defects, personality difficulties, or ill health* can readily obtain a position in library service, such persons should not seek admission to the School.

4. Applicants for admission must fill in the School Application Form and attach thereto a recent photograph and an advance fee of $10.00 which will be credited to the student's fee account. Should the application be rejected, this advance payment will be refunded. No refund will be made in the case of a student who withdraws after the application has been accepted.

5. Students are advised to learn to use a typewriter before entering, since the greater part of the work done must be in typewritten form.

6. Applicants without previous experience are strongly advised to work in a library before taking the course.

EMPLOYMENT

While the School does not guarantee positions to graduates and will not recommend any with less than a "B" average, it makes an effort to help its graduates find suitable positions. Complete records are kept in the Library School files, and letters of reference are sent to prospective employers on request. Transcripts of the academic record may be obtained by applying to the Registrar's Office.

Any graduate of an approved university who also has successfully completed the degree of Bachelor of Library Science at McGill University will be entitled without further examination to the Specialist's certificate which is issued to Librarians serving in the Protestant High Schools of the Province of Quebec.

MEDICAL EXAMINATION

1. HEALTH CERTIFICATE

Students when applying must present a certificate of health on a form which may be obtained from the School and which should be filled in and signed by a physician.

2. VACCINATION

All students entering the University are required by the Provincial Board of Health to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years, failing which they must immediately be vaccinated in a manner satisfactory to the Medical Examiner.

3. MEDICAL EXAMINATION

To promote their physical welfare, all men and women in the University are required to be medically examined at the beginning of the session. The hours of examination are announced at the time of Registration.

REGISTRATION AND ATTENDANCE

REGISTRATION

Students in the Library School are required to present themselves at the office of the Library School on Monday, September 22nd, preceding the commencement of lectures, in order to furnish the information necessary for the University records.

TTENDANCE

1. Students are required to attend at least seven eighths of the total number of lectures or laboratory periods in any one course.

2. Excuses for absence on account of illness or domestic affliction are dealt with only by the Director of the School. Medical certificates covering absences must be presented by the student immediately after his return.

3. Those whose unexcused absences exceed one eighth of the total number of lectures in a course are not permitted to take the regular examination in that course; and those whose unexcused absences have exceeded one fourth of the total number of lectures must repeat the work in that course for credit.

XAMINATIONS AND MARKS

Final marks are based on the term's work and the examinations. The pass mark is 65%.

No student will be permitted to sit for the examinations unless he, or she, has fulfilled the requirements of the course to the satisfaction of the Instructor and the Director. Students whose progress is unsatisfactory may be asked to withdraw from the School.

FEES AND EXPENSES

1. FEES

The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require. Fees are not refundable, except under special conditions as described in the regulations concerning remission of fees in the General Information Pamphlet.

(*a*) *Regular students*

Fees are due and payable at the Accounting Office on or before September 23rd. If paid in two instalments the second shall be paid on or before January 15th. Instalment fee $5.00. A late fee of $2.00 is charged for payment after the specified dates, and no days of grace are allowed.

Fee for the Library Course $500.00

By instalments:

First instalment 227.50

Second instalment 277.50

These fees include registration, instruction, (including Library Visits) the use of the Library, health service, athletics, students' activities, and graduation diploma.

Fee for each supplemental examination 10.00

(*b*) *Partial students*

Information concerning fees for such courses may be obtained from the Secretary of the School.

(*c*) *Arrears*

Immediately after September 23rd (or January 15th in the case of students who pay by instalments), the Chief Accountant will send to the Director of the School a list of registered students who have not paid their fees. Such students cannot be re-admitted to classes until a satisfactory arrangement has been made with the Chief Accountant.

2. TEXTBOOKS AND MATERIALS

Students should allow at least $25 for text books. These are available from the University Book Store and the Library School. Blank forms, cataloguing cards, and other library supplies needed during the session may be obtained from the Secretary of the School.

3. LIBRARY VISITS

A week's visit, under the direction of members of the Faculty, to libraries in other Canadian cities is a required part of the Library course. (See 1*a* above.)

4. BOARD AND RESIDENCE

Information regarding accommodation at the University may be found in the enclosed booklet of General Information.

5. CLUBS AND SOCIETIES

Students are encouraged to take advantage of the privileges offered to members of the Canadian Library Association, the Quebec Library Association, the Special Libraries Association, and the American Library Association. Women students of the School are eligible for membership in the University Women's Club, 3492 Peel Street, in the immediate neighbourhood of the School.

SCHOLARSHIPS

1. Two annual scholarships of $400 each in honour of *Dr. G. R. Lomer*, former Director of the Library School.

2. The *Ethelwyn M. Crossley Scholarship Fund*, founded in honour of a former student of the school. Women students are given preference.

3. The *Elizabeth G. Hall Scholarship Fund*, founded in memory of a former member of the McGill University Library staff.

These awards are made, after due investigation and recommendation, to deserving students who require financial assistance to take the course. Application should be made to the Director of the School.

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

PARTIAL STUDENTS

Qualified students who are not candidates for the degree may be admitted to individual courses as partial students. Before registration such students must satisfy the staff of the School of their ability to follow the courses selected, and they must fulfil all requirements of classroom work and tests prescribed for regular students of these courses.

SPECIAL LECTURES

The students have the benefit of occasional special lectures from visiting librarians or local specialists. The programme for a recent session included lectures by: Dr. Wm. Kaye Lamb, National Librarian and Dominion Archivist; Dr. Andrew D. Osborn, Associate Librarian, Harvard University; Dr. W. W. Francis, Librarian, Osler Library of Medicine; Mr. Angus Mowat, Director of Public Library Service, Province of Ontario; Mr. Neal Harlow, Librarian, University of British Columbia; Mr. Deane Kent, Assistant Director, London Public Library; Mr. John Gray, Managing Director, The Macmillan Company of Canada; Mr. R. A. Kennedy, Assistant Librarian, National Research Council, Ottawa; Mr. R. M. Hamilton, Asst. Librarian, Library of Parliament; Mr. Claude Aubry, Chief Librarian, Ottawa Public Library; Mr. Clement Potter, Pulp and Paper Research Institute; Miss Emily Keeley, Librarian, Industrial Cellulose Research Ltd.; Miss Kathleen Jenkins, Librarian, Westmount Public Library; Miss Frances Dumaresq, Library Consultant to the Protestant School Board of Greater Montreal; Miss Elizabeth Morton, Executive Secretary, Canadian Library Association.

DESCRIPTION OF COURSES

The courses provided by the School are based upon the librarian's relation to: the building in which his library is housed, the books, periodicals, and other materials in his charge, the readers whom he serves, and the staff with whom he works. In teaching the various subjects of the curriculum, every effort is made to relate them to library work as a whole and to develop a dynamic, rather than mechanical, point of view with regard to the present practice and the future possibilities of the profession.

Whenever possible, the past history, the practice of today, and the probable future development of library activities are related, and students are encouraged to assume an attitude that is constructively critical and forward-looking, rather than one that is merely imitative, conventional, and retrospective. The work of the School is grouped under the following headings for convenience of instruction: 1. Organization and administration of libraries. 2. Acquisition and care of library materials. 3. Selection and use of library materials. 4. Field work.

ALL COURSES ARE REQUIRED EXCEPT THOSE MARKED ELECTIVE (SEE BELOW).

ELECTIVES

Special courses given in the second term are: Public Library Services; Children's and School Libraries; College and University Libraries; Special Libraries; Cataloguing and Classification; Government Documents. Three of these must be elected.

COURSE VALUES

Courses are of various lengths. The point value of each is shown in parentheses followed by the number of the term in which it is given.

I. ORGANIZATION AND ADMINISTRATION OF LIBRARIES

This group of courses is planned to give a general picture of the ideals, functions, and successful operation of libraries of different types. It is concerned with the place of the library in the community, the duties and opportunities of the librarian, and his relation to the governing authorities, staff, and readers. These courses form both framework and background for the more detailed instruction in specialized services.

1. THE LIBRARY PROFESSION (2) I (1) II — *Professor Ross*

Intended to provide professional background, this course includes the historical development of library work; some famous libraries and librarians; a history of printing in Canada and the development of Canadian libraries; a brief survey of work in various types of library; an introduction to the literature of the profession; a study of the work of library associations; consideration of the training, qualifications and ethics of the librarian; efficient methods of work organization; personnel problems and public relations.

2. HISTORICAL BIBLIOGRAPHY (1) II — *Mr. Pennington*

This course deals with the history of the manuscript and printed book in Europe from classical times to the present. It includes lectures on palaeography, the transmission of texts, the invention and development of printing, and the technical processes of book making, including book illustration.

3. LIBRARY BUILDINGS AND EQUIPMENT (1) II — *Professor Ross*

In this course the following subjects are discussed: principles in library planning; reading of architect's plans; the planning of various types of library; heating, ventilation, and lighting; furniture and equipment. The lectures are illustrated by specially prepared diagrams. Students are required to work out simple planning problems illustrating topics considered in the course.

4. LIBRARY ORGANIZATION (2) I — *Mrs. Coughlin*

Deals with such elements of library administration as may be applicable to any type of library. Special consideration is given to public libraries, e.g. city government, board meetings, budget, standards, statistics, and library legislation.

5. PUBLIC LIBRARY SERVICES (2) II ELECTIVE *Mrs. Coughlin*

Consideration is given to the public library's responsibility to its readers, the measurement and evaluation of its services, the interpretation to the user by means of annual reports and other library publications, exhibits and displays, and the use of mass media. Detailed study is made of the social structure of the community; the relation of the library to the agencies of adult education; readers' advisory work and discussion groups; and the use of records, films, radio, and television. The organization and operation of county and regional library services in Canada and other countries is included.

6. COLLEGE AND UNIVERSITY LIBRARIES (2) II ELECTIVE *Professor Astbury*

The problems of organization and growth are considered, including service to undergraduates, research students, faculty members and departmental libraries; special collections and reading rooms; teaching the use of the library; the allocation of funds; the use of micro-materials and such technical processes as differ from those in public and other libraries.

7. SPECIAL LIBRARIES (2) II ELECTIVE *Miss Anderson*

This course is designed to present the purpose and point of view of the special library and to discuss the adaptation of general library techniques to its needs. Special attention is paid to the organization and administration of libraries in business and industry. Research methods and sources of information peculiar to selected fields are surveyed and discussed.

8. LIBRARY WORK WITH CHILDREN (2) II ELECTIVE *Mrs. Coughlin*

This course shows the adaptations necessary in cataloguing and classification, reference work, book selection, and general administration to serve the needs of libraries for children and young people. Children's literature from the historical point of view is reviewed; modern illustrators and modern authors are discussed. Special problems of the school library are considered. The lectures are supplemented by story telling, and by practical work in, and visits to, children's libraries.

II. ACQUISITION AND CARE OF LIBRARY MATERIALS

The purpose of these courses is to train the future librarian in the principles of wise, economical, and adequate provision of books, periodicals, pamphlets, films, phonograph records, etc., for library use, and the best modern technique to be applied in recording them and in making them available to the public.

9. TECHNICAL PROCESSES (2) I *Professor Astbury*

Acquisitions. Deals with the acquisition of books, periodicals and other materials, by purchase, gift and exchange. Trade bibliographies are examined in detail, and sources for obtaining both new and second-hand books are discussed. The various routines followed and records kept by the acquisitions department are studied.

Circulation. Charging systems used by libraries of various types are studied in detail, with some consideration of the history of circulation procedures and also recent innovations. Other routines and regulations, statistics, shelf work, and the administration of the circulation department are discussed.

Binding. A brief survey of methods of binding, repair and preservation of library materials; the organization, routines and records of the library binding department with special reference to the collating of periodicals and other material.

10. CATALOGUING AND CLASSIFICATION (4) I (3) II

Professor Murray and Miss Anderson

The principles and purpose of classification and cataloguing are studied with a view to their application in libraries of different types and sizes. The Dewey Decimal Classification and the Library of Congress Classification are carefully studied. Special attention is also paid to the care of audio-visual materials.

11. CATALOGUING AND CLASSIFICATION (2) II ELECTIVE *Professor Murray*

The history and theory of classification are considered; the Universal Decimal Classification, the Bliss Bibliographic and Ranganathan's Colon Classification schemes are examined; the problems of subject analysis and of re-cataloguing and re-classification are considered as well as the organization and administration of cataloguing service. New developments for the storage and retrieval of information are also discussed, e.g. co-ordinate indexing, punched card systems, etc.

III. SELECTION AND USE OF LIBRARY MATERIALS

The needs of the reader are explained and provided for by a carefully planned study of the subject content of books as well as the adaptation of non-book materials to practical use in libraries of various types.

12. SELECTION OF BOOKS AND OTHER MATERIALS (3) I (2) II *Mrs. Coughlin*

This course deals with methods of selecting books, films, records, etc. for various types of libraries, communities, and readers. Representative books of all classes are examined for their literary value as well as their physical make-up, and various editions, translations, and series are compared.

The student becomes familiar with the general and special printed aids to selection; the characteristics and specialties of publishing houses; and the problems of authorship, copyright, and censorship.

Training is given in book evaluation, annotation, and written and oral book reviewing.

13. REFERENCE MATERIALS AND METHODS (3) I (4) II *Professor Asbury*

The purpose of the course is to give a practical understanding of efficient reference service, the administration of a reference department and a critical knowledge of reference materials.

In the first term general basic reference books are studied. Printed bibliographies of all kinds are considered and practice is given in dealing with questions requiring bibliographical research. The second term is devoted to the reference materials of the humanities, social sciences, biological sciences and physical sciences. Particular attention is paid to the special approach needed for work in each field. Every student is required to make an intensive study of the literature of one subject.

14. GOVERNMENT PUBLICATIONS (2) II ELECTIVE *Professors Ross and Murray*

Deals with Canadian, British, and United States publications; some attention also being given to foreign documents, and United Nations and UNESCO publications.

15. SERIALS

A brief sketch of the historical development of serials is given; study is made of the various types of serials published to-day, such as popular magazines, technical journals, house organs, and the publications of societies and institutions.

A systematic survey is made of problems in the selection and ordering of serials in English and foreign languages; checking and claiming; circulation, binding, and storage; exchange of duplicates and completing of sets.

This course will be given in the present session in conjunction with Book Selection, Cataloguing and other courses.

16. BIBLIOGRAPHY AND RESEARCH METHODS (1) I *Professor Ross*

Training is given in the preparation of a research paper and in the compilation of an annotated bibliography.

IV. FIELD WORK

VISITS TO LOCAL LIBRARIES

The following libraries in Montreal are visited and many are used regularly by the students.

Public Libraries: Montreal Public Library and its branches; Westmount Public Library; Fraser-Hickson Institute; Mechanics' Institute; St. Sulpice Library; Jewish Public Library.

Special Libraries: Divinity Hall Library; Osler Library (Medicine); Purvis Hall Library (Commerce); Montreal Museum of Fine Arts Library; also the libraries of Canadian Industries Ltd., Bell Telephone Company, Sun Life Assurance Company, Royal Bank of Canada, Shawinigan Water and Power Company, Aluminum Company of Canada, International Civil Aviation Organization, Canadian Broadcasting Corporation, Pulp and Paper Research Institute.

College and University Libraries: McGill University (Redpath) Library; Macdonald College Library; Sir George Williams College Library; Bibliothèque de l'Université de Montréal.

Children's Libraries: Montreal Children's Library; Westmount Public (Children's) Library; Notre Dame de Grace Children's Library; Montreal Public Library and its branches; the libraries of Montreal High School, Lachine High School, Westmount Intermediate School, and Commission des Ecoles Catholiques de Montréal.

LIBRARY VISITS TO OTHER CITIES

A week's visit to other cities in Canada, with a programme of conducted visits to libraries, is a required part of the course. This illustrates the practical application of subjects taught. Each student is required to prepare a report and to take part in class discussions on methods observed.

LIBRARY EXPERIENCE

Work under supervision in a library is required during the session, in order that the student may acquire some appreciation of library service as a whole under everyday conditions.

DEGREE OF MASTER OF LIBRARY SCIENCE

The candidate must hold the degree of Bachelor of Library Science, or an equivalent degree, from an accredited Library School approved by McGill University. This degree must represent a fifth year of academic study in which the candidate has obtained at least a B average. Competence to undertake graduate study must have been demonstrated and at least two years of professional library experience is required. He must show evidence of a reading knowledge of at least one language other than English before the degree is granted. The French language is recommended but another language may be accepted if appropriate to the work which the candidate intends to undertake. If courses taken previously by the candidate are considered inadequate for the graduate courses offered he may be required to undertake some additional courses in the Library School or elsewhere in the University.

A minimum of one full session or two half sessions of resident study at McGill University is required. Pass mark in each subject is 65 per cent.

Each course is conducted on the seminar plan under the direction of a member of the Library School staff. In the session of 1957-58 specialists, who gave one or several seminars, included the following: Dr. David Haykin, Library of Congress; Miss Ruth MacDonald, National Library of Medicine, Washington; Miss Mary Herrick, Boston University; Dr. Andrew Osborn, Harvard University; Mr. Wyllis Wright, Williams College; Dr. Maurice Tauber, Columbia University; Mr. Charles D. Kent, Public Library and Art Museum, London, Ont.; Miss E. Laird, National Research Council, Ottawa; Dr. J. Zweig, Sir George Williams College; and the following members of the staff of McGill University—Dr. Aileen Ross, Dept. of Sociology; Professor David Munroe, Director of the Institute of Education; Professor H. R. C. Avison, Director of Adult Education Services; Dr. W. N. McBain, Applied Psychology Centre; Professor C. Gifford, School of Social Work; Dr. Margaret Nix, Dept. of Health and Social Medicine.

COURSES

Required

A. Thesis—3 copies when completed should be presented to the office of the Dean of Graduate Studies and Research on dates specified in the General Information Pamphlet.

B. Research methods in library science.

Elective (the equivalent of 2 full courses must be taken. These may not all be available in any one year. Inquiries should be made at the Library School office).

C. Canadiana; archival and historical materials, their care and use.

D. Documentation; the acquisition and retrieval of research material. (Half course.)

E. Government documents. (Half course.)

F. Serials. (Half course.)

G. Cataloguing and classification; problems and developments.

H. The library in the community; the contribution of the school library, the university library, and the public library to society.

I. A special subject may be taken in another Department of the University provided that the candidate has the qualifications normally required for advanced work in that field. Special permission must first be obtained from the Dean, the Director of the School and the Chairman of the Department concerned.

Preliminary application should be made to the Director of the Library School before August 1st and formal application papers must be completed and received by the Dean of the Faculty of Graduate Studies and Research before September 5th.

FEES

One session full time study (including library visits)	$450.00
One session half time study	225.00
Late registration fee	5.00
Instalment fee	5.00

Payment may be made in two instalments in October and January.

These fees include registration, instruction, the use of the library, health service, athletics, students' activities, graduation diploma and library visits.

SPECIAL DATES

1958

September 19th, Friday. Last day for receiving sessional registration forms in the Dean's Office, Faculty of Graduate Studies and Research.

September 29th, Monday. Lectures begin.

October 20th, Monday. Last day for registration at the Registrar's Office and for payment of fees.

1959

April 21st, Tuesday. Last day of filing theses for Spring Convocation.

August 25th, Tuesday. Last day of filing theses for Fall Convocation.

McGill University

Montreal

School for Graduate Nurses

Beatty Memorial Hall

1958-1959

McGill University



Montreal

School for Graduate Nurses

Beatty Memorial Hall

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture and School of Household Science)
Institute of Education
French Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

TABLE OF CONTENTS

	Page
Administrative Officers of the University	3205
Staff	3206
Officers of Instruction	3206
General Information	3207
Resources and Facilities	3210
Entrance Requirements	3211
Transfer of Credits	3211
Application	3211
Registration	3212
Examinations	3212
Fees	3213
Board and Residence	3213
Expenses	3214
Uniforms	3214
Scholarships	3214
Loans	3216
Programmes of Study for Graduate Nurses	3217
Description of Courses for Graduate Nurses	3221
Programme of Study in Basic Nursing	3225
Description of Courses in Basic Nursing	3227

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office:

Announcements of Faculties and Schools as follows:

General Announcement

School Certificate Examinations

Scholarships, Bursaries, and Loan Funds

Faculty of Arts and Science (Degrees in Liberal Arts, and in Pure Science. There is a separate Announcement re the School of Commerce.)

Faculty of Medicine

Faculty of Medicine Postgraduate Courses

Faculty of Dentistry

Faculty of Engineering (Degrees in Engineering, and in Architecture)

Faculty of Law

Faculty of Music

Faculty of Divinity

Faculty of Graduate Studies and Research

School of Commerce

Library School

School for Graduate Nurses

School of Physical and Occupational Therapy

School of Social Work

Macdonald College (Faculty of Agriculture and School of Household Science)

Summer School of Education

French Summer School

Extension Courses

Programmes of Study for Graduate Nurses

Description of Courses for Graduate Nurses

Programme of Study in Basic Nursing

Description of Courses in Basic Nursing

The Directory of Staff (University and Faculty administrative officers, teaching personnel, and students)

The Calendar (available for distribution only to libraries and certain institutions)

School for Graduate Nurses

The School for Graduate Nurses is under the administrative jurisdiction of the Faculty of Medicine.

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

David L. Thomson, B.Sc., M.A., Ph.D., LL.D., F.C.I.C., F.R.S.C. — *Vice-Principal*

Lloyd G. Stevenson, B.A., M.D. (Western), Ph.D. (Hopkins) — *Dean of the Faculty of Medicine*

Rae Chittick, B.S. (Columbia), M.A. (Stanford), M.P.H. (Harvard), LL.D. (Alberta), R.N. — *Director of the School for Graduate Nurses*

John H. Holton, B.Com. — *Secretary of the Board of Governors*

Colin M. MacDougall, D.S.O., B.A. — *Registrar*

G. A. Grimson, B.Com. — *Comptroller*

ADVISORY COMMITTEE

Dean Lloyd G. Stevenson, *Chairman*

Miss Rae Chittick

Miss Eileen C. Flanagan

Professor William H. Hatcher

Miss Helene Lamont

Mrs. Alastair MacLeod

Professor Frank C. MacIntosh

Miss Dora Parry

Dr. C. A. Roberts

Professor R. P. Vivian

SCHOOL FOR GRADUATE NURSES OFFICE

BEATTY MEMORIAL HALL

1266 Pine Avenue West

Montreal 25, P.Q.

Telephone—VI 9-9181

STAFF OF SCHOOL FOR GRADUATE NURSES

RAE CHITTICK, B.S. (Columbia), M.A. (Stanford), M.P.H. (Harvard), LL.D. (Alberta), R.N. — *Director*

MOYRA ALLEN, M.A. (Chicago), B.N., R.N. — *Assistant Professor of Nursing*

ELIZABETH LOGAN, M.A. (Chicago), B.N., R.N. (on leave of absence 1958-59) — *Assistant Professor of Nursing*

ELEANOR HURD (MRS. G. T.), B.Sc.(N) (Alberta), M.P.H. (Michigan), R.N. — *Assistant Professor of Nursing*

FLORENCE BULLER, Dip. S.G.N., R.N. — *Lecturer in Psychiatric Nursing*

HELEN GEMEROY (MRS. G. A.), B.A. (Sir George Williams), Cert. S.G.N., R.N. — *Lecturer in Psychiatric Nursing*

KATHLEEN L. MACDONALD, B.Sc.(N) (Alberta), M.N. (Washington), R.N. — *Lecturer in Public Health Nursing*

ELIZABETH J. WORTHY, Sister Tutor Diploma (London), B.N., R.S.C.N., R.N. — *Lecturer, Maternal and Child Health Nursing*

LYDIA H. POPE — *Librarian*

OTHER OFFICERS OF INSTRUCTION IN THE SCHOOL

MARION BAIN (Mrs. D. C.), M.Sc. (Columbia), B.H.S. — *Assistant Professor of Health and Social Medicine*

MARGARET BIRKS (MRS. GERALD), B.A. (Vassar), Cert. in Social Work (Toronto), M.A. — *Sessional Lecturer in Psychology*

MADELINE FLANDER, Cert. S.G.N., R.N. — *Lecturer in Paediatric Nursing*

EILEEN C. FLANAGAN, B.A., R.N. — *Director of Nursing, Montreal Neurological Institute*

DONALD S. FLEMING, D.P.H. (Tor.), B.A., M.D., C.M. — *Associate Professor of Health and Social Medicine*

HELENE LAMONT, B.N., R.N. — *Director of Nursing, Royal Victoria Hospital*

ISABEL MACLEOD (MRS. A. W.), B.Sc.(N) (Alta.), M.A. (Columbia), R.N. — *Director of Nursing, Montreal General Hospital*

A. W. MACLEOD, B.Sc., M.B., Ch.B., D.P.H. (Glasgow), Dip. Psych.Med., M.R.C.P. (London) — *Assistant Professor of Psychiatry and Lecturer in Health and Social Medicine*

CHARLES WILLIAM MACMILLAN, M.D., C.M., D.P.H.
Associate Professor of Health and Social Medicine

MARGARET E. NIX, B.A. (Man.), M.P.H. (Mich.), Ph.D. (Mich.)
Assistant Professor of Health and Social Medicine

DORA PARRY, R.N. *Director of Nursing, Montreal Children's Hospital*

GENEVA PURCELL, B.N., R.N.
Supervisor of Nursing, Royal Victoria-Montreal Maternity Hospital

J. GILBERT TURNER, M.D., C.M., M.Sc., F.A.C.H.A., Executive Director, Royal Victoria Hospital
Lecturer in Hospital Administration

R. P. VIVIAN, M.D. (Tor.) *Professor of Health and Social Medicine*

A. H. WESTBURY, F.I.H.A. (Eng.), F.C.I.S., Executive Director, Montreal General Hospital
Lecturer in Hospital Administration

GENERAL INFORMATION

The School for Graduate Nurses was established in 1920 to prepare well-qualified graduate nurses for positions of leadership in hospital and community nursing. The various programmes in administration, teaching, supervision and public health nursing have attracted graduate nurses from every province in Canada and from several foreign countries. In 1957, a new programme in basic nursing was introduced to prepare high school graduates for the many positions open to well-qualified nurses. This programme combines general education with professional courses over a period of five years from McGill Junior Matriculation and leads to the degree of Bachelor of Science in Nursing. Graduates of this programme are qualified for staff positions in public health agencies as well as in hospitals.

The School for Graduate Nurses, therefore, offers two types of programmes:

(1) Diploma and degree courses for graduate nurses. These courses are described on pages 3221 to 3225.

(2) A five-year course for high school graduates leading to the degree of B.Sc.(N.) This programme is described on pages 3209 and 3210.

PROGRAMMES FOR GRADUATE NURSES

The School offers programmes of study for graduate nurses in four main areas. These are as follows:

I: Teaching and Supervision in Schools of Nursing: Students selecting this field are prepared for positions as head nurses, ward supervisors, or classroom and clinical teachers. Students are given the opportunity to select one of a number of fields for specialization. These are the Teaching of the Basic Sciences*, Medical-Surgical Nursing, Psychiatric Nursing, and Maternal and Child Health (these students do major work in either Obstetric or Paediatric Nursing).

II: Public Health Nursing: This programme is designed to prepare nurses for staff positions in public health organizations.

III: Administration in Hospitals and Schools of Nursing: This programme is open to experienced nurses who wish to qualify as directors of schools of nursing or directors of hospital nursing service.

IV: Administration and Supervision in Public Health Agencies: This programme prepares nurses with satisfactory experience to participate in supervision and administration in public health organizations.

COURSES LEADING TO A DIPLOMA

Students who successfully complete a programme of study in area I or II may be granted a diploma in the field of their specialization. The minimum entrance qualification to enrol in the diploma programme is McGill Junior Matriculation or its equivalent.

Of the ten papers required for McGill Junior Matriculation the compulsory subjects are English, History, Algebra or Advanced Arithmetic, and Chemistry or Biology. Chemistry and Biology should *both* be taken if possible. The other subjects of the examination are entirely optional. The general average for all papers must be at least 65%. (The equivalent of these papers taken in public examinations recognized by the University will be satisfactory.)

COURSES LEADING TO THE DEGREE OF BACHELOR OF NURSING

Students wishing to qualify for the degree of Bachelor of Nursing must first complete a programme of study in either area I or II which represents the first year of the work for the degree. These programmes are basic to the more advanced work in public health nursing, nursing education, and administration in hospitals and schools of nursing.

Entrance qualification for the degree programme is either McGill Junior Matriculation or McGill Senior Matriculation or their equivalents, but those students who enter with Junior Matriculation standing must

*Open only to students in degree programme.

complete three years of study before qualifying for the degree of Bachelor of Nursing. One year of this time will be spent in general education which must be comparable to that required to pass with satisfactory standing the appropriate papers in the McGill Senior School Certification Examinations. The subjects required are English, Chemistry, and any three of the following: History, Biology, French, Spanish, German, Latin, Mathematics, Physics.

PART-TIME STUDY

Nurses who live in or near Montreal may register as partial students in the regular day programme or in the evening classes offered through the Department of Extension of the University. By special arrangement a one-year programme may be extended over two years for students who are unable to attend full time.

PROGRAMME IN BASIC NURSING

This is a programme for high-school graduates who wish to prepare themselves for a career in nursing. The time necessary to complete the requirements is five years. Successful candidates are granted the degree of B.Sc.(N). The first year is devoted to academic courses with emphasis on the basic sciences. The following four years consist of both academic and professional courses. Professional courses include classroom instruction and clinical experience in the McGill teaching hospitals and in selected public health agencies in the City of Montreal. In the final year emphasis is placed on teaching methods and administrative skills.

Students may be admitted into the basic nursing programme after passing the ten required papers of the McGill Junior Certificate Examination, or their recognized equivalents, with an overall average of at least 65%. In the University's own examinations the following papers are required:

No. of Papers	Subject
2	English
1	General History
2	Modern Language
2	Elementary Algebra Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen) *or* any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry

(c) Biology *or* Botany (Biology and Botany may not both be chosen)
(d) Chemistry
(e) Geography
(f) Physics
(g) British History *or* Canadian History
(h) Music *or* Drawing (Music and Drawing may not both be chosen)

10 papers

The above papers are the normal requirements for admission, but students who do not have exactly these requirements may be admitted, provided their high school record is exceptionally good and they show evidence of preparation and ability to meet successfully the demands of the course.

RESOURCES AND FACILITIES

Courses in nursing education are provided in the School. Other courses are available through the Faculty of Arts and Science and the Faculty of Medicine (including the Department of Health and Social Medicine), as well as through other Schools and Departments within the University.

The School, administered by the Faculty of Medicine, is located in Beatty Memorial Hall, which provides classroom space, lunch facilities, and other amenities. An up-to-date professional library is maintained at the School under the direction of a full-time librarian. Students have access to other libraries in the University.

Excellent community facilities are available for the observation of nursing in all its branches and for practice in teaching, supervision, and administration in hospitals, schools of nursing, and public health nursing fields.

The resources of the following organizations are available: the Royal Victoria Hospital (including the Allan Memorial Psychiatric Institute, and the Royal Victoria-Montreal Maternity Hospital); the Montreal General Hospital; the Montreal Children's Hospital; the Royal Edward Laurentian Hospital (tuberculosis) with its clinics; the Verdun Protestant Hospital; the Queen Mary Veterans Hospital; the Montreal Neurological Institute of McGill; St. Mary's Hospital; and the Queen Elizabeth Hospital, as well as other hospitals in Montreal.

The official and voluntary health agencies of the city and also clinics (both public and private) afford ample opportunities for study and field

experience in the various aspects of community health. These resources include the Victorian Order of Nurses, the Child Health Association, the municipal health departments of Greater Montreal, hospital out-patient departments, industrial health services, the Mental Hygiene Institute, the Family Welfare Association, the Children's Service Centre, nursery schools and day nurseries, child guidance clinics, and other organizations concerned with the welfare of individuals and families.

ENTRANCE REQUIREMENTS

GRADUATE NURSES

All applicants must have completed the basic nursing course in an approved school of nursing, be registered in the province or country from which they come, and meet the requirements for the programme selected.

For admission to the diploma courses candidates must have passed in the required papers of the McGill Junior School Certificate Examination or their recognized equivalents (see page 3208). Candidates for a degree must have met the requirements of the First year in the Faculty of Arts and Science, or have passed in the required papers of the McGill Senior School Certificate Examinations or their recognized equivalents (see page 3208).

BASIC NURSING

High School Graduates who wish to enrol in the programme leading to the degree of B.Sc.(N) must have passed in the required papers of the McGill Junior School Certificate Examinations or their recognized equivalents (see page 3209).

TRANSFER OF CREDITS

Consideration will be given to transfer of credits for work completed in another university if an official transcript of the student's work is sent directly to the School by the officers of the institution in which the work was completed.

APPLICATION FOR ADMISSION

All applications must be made on forms which may be obtained from the School for Graduate Nurses, McGill University, and must include a photograph of passport size. Official transcripts from their School of Nursing may be submitted by graduate nurses.

REGISTRATION

All students will register at Beatty Hall between the hours of 9 a.m. and 4 p.m. as follows:

First Year

Students in the First year of the Graduate Nurse Programme are required to complete a period of field work during September. Registration for them will take place on Thursday, August 28.

For First year students in the Basic Programme registration will take place on Thursday, September 11.

Upper Years

All other students will register on Tuesday, September 23.

EXAMINATIONS

Final examinations are held for first-term half courses in January, and for full courses and second-term half courses in April and May. Mid-term examinations for full courses may be held in January depending upon the instructor.

Results of examinations are recorded according to class, as follows: Class I, 80% to 100%; Class II, 65% to 79%; Class III, 50% to 64%.

A student who has failed in a final examination and has been given permission by the Director of the School to write a supplemental examination, must write this supplemental during the following September. Written application must be made before August 15. A fee of $10.00 for each supplemental paper is payable to the Cashier as soon as the application has been approved. A student who wishes to write a supplemental examination outside McGill must make application to the Director to do so before August 1st. There is an additional fee of $10.00 for establishing such an outside centre.

HEALTH SERVICES

All students are required to have a medical examination by the University Health Service. There are no exceptions to this rule. Provision is made for health service to students *during the session* but not during vacations. (See *General Information* pamphlet for details.)

Students in the Basic Programme are required to have inoculations for typhoid, paratyphoid, tetanus, diphtheria, poliomyelitis, and tuberculosis. Students should make arrangements for these inoculations with their own physician before beginning the programme.

FEES

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

University fees include an annual fee of $15 for the support of student

Since this Announcement was printed, the University has found it necessary to institute the following fee increases:

Nursing; degree and diploma—University fee $500.00
If paid by installments:
First installment $252.50
Second installment $252.50

Instalment fee (included in above) 5.00
Late payment fee 2.00

Fees are due and payable at the Accounting Office in Dawson Hall, between the hours of 9 A.M. and 4 P.M. on or before September 27. A late fee of $2.00 is charged for payment after this date. As soon as possible after the prescribed dates the Chief Accountant will send to the Director of the School a list of the registered students who have not paid their fees. The Director will thereupon suspend such students from further attendance until the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

BOARD AND RESIDENCE

There are no University residence facilities for graduate nurse students of the School for Graduate Nurses. Every assistance is given to those seeking accommodation through a Rooms Registry located at the McGill Union. Application for rooms must be made in person from August 27 to October 1. The cost of board and lodging varies from $65.00 - $85.00 per month. The minimum cost of a furnished room with kitchen facilities is approximately $50.00 per month.

Students in the Basic Nursing Course whose homes are outside of Montreal live at Royal Victoria College. When application is made to the School for Graduate Nurses, application for residence must be made also to the Warden of Royal Victoria College, such application to be made before May 31. Forms for this purpose may be obtained from the College, from the Registrar's Office, or from this School.

Those students who do not reside with their parents or guardians in Montreal and who wish to live outside the University residence are

required to submit their plans for residence in writing to the Warden and to obtain written approval. Students in this category who are entering the University for the first time must in all cases fill out residential application blanks when the academic application is submitted.

EXPENSES

APPROXIMATE COST OF THE COURSE

University fees	$450.00
Books and incidentals	approx. 50.00
Board and room	$700.00 to 900.00
Royal Victoria College (students in the Basic Course)	$730.00 to $760.00 (session)

Field work may involve additional expense for travel and living which the student must consider in estimating expenses.

UNIFORMS

All students in the Graduate Nurse Programme are advised to have at least two white uniforms. Full white uniform is required for field experience in hospitals and for Convocation. For students in public health nursing special field uniforms are available for rental at the School. These students should bring white collars and any plain dark hat and coat. Brown or black walking shoes with low heels are required. Students in public health nursing may have field work in hospitals, in which case white uniforms are worn.

Students in the Basic Nursing Programme are required to supply themselves with the School uniform obtained through the School.

BURSARIES AND SCHOLARSHIPS

There are a number of bursaries and scholarships open to all students registering in the University. Information may be obtained from the Registrar's Office. Applicants must meet the University entrance requirements for Junior Matriculation. The following bursaries are open to graduate nurses:

1. ALEXANDRA HOSPITAL
The Board of Governors offers a scholarship in the form of full maintenance at the hospital during a year's study at the School for Graduate Nurses. Only members of the hospital nursing staff are eligible.

2. ALUMNAE ASSOCIATION OF THE SCHOOL FOR GRADUATE NURSES

In memory of Dr. Marion Lindeburgh the Alumnae Association has established an annual scholarship of $500.00. This scholarship is open to graduate, registered nurses who wish to study at the School for Graduate Nurses, McGill University, and who meet the entrance requirements. Applications should be submitted by June 15, 1958, to the Chairman of the Scholarship Committee, Alumnae Association, 1266 Pine Avenue West, Montreal, Quebec.

3. ASSOCIATION OF NURSES OF THE PROVINCE OF QUEBEC

(*a*) Two bursaries of $500 are customarily offered to practising members in good standing of the Association of Nurses of the Province of Quebec, whose qualifications are acceptable to a university. Any approved course may be selected.

(*b*) District No. 11 (English Chapter) Association of Nurses of the Province of Quebec offers a bursary of $1,500 to a member of the Chapter whose qualifications are acceptable to the University. The nurse who accepts the bursary will be expected to work in the Province of Quebec for two years following the completion of her course.

4. MONTREAL CHILDREN'S HOSPITAL SCHOOL OF NURSING

The Board of Governors offers a scholarship in the form of lodging at the hospital during one year's study at the School for Graduate Nurses. Those accepting the scholarship are required to work for one year at the Montreal Children's Hospital on completion of the course.

5. MONTREAL GENERAL HOSPITAL SCHOOL OF NURSING

Bursaries are provided annually by the Montreal General Hospital to graduate nurses for study to prepare them for administrative and teaching positions.

6. ROYAL VICTORIA HOSPITAL SCHOOL OF NURSING

(*a*) The *Mabel F. Hersey Scholarship* is given annually by the Board of Governors for a year of postgraduate study at the School for Graduate Nurses, McGill University.

(*b*) The *Emma Thomas Scholarship* is offered annually for postgraduate study.

(*c*) The *Ida McGregor Scholarship* is offered annually for postgraduate study.

7. VICTORIAN ORDER OF NURSES FOR CANADA

The Victorian Order of Nurses for Canada offers bursaries of $750 to nurses to assist them in taking preparation in Public Health Nursing.

Following their course, the recipients are obligated to work one year for the Victorian Order in the area where their services are most urgently needed. Bursaries are also available to students in the final year of a basic degree course which includes preparation in public health nursing.

8. QUEEN ELIZABETH HOSPITAL

The *Martha Warren Scholarship* of $500.00 may be given, all or in part, to any Alumnae member, or members, who wish financial help for post-graduate study. Applications for this scholarship must be in on or before April 25th of each year. The nurse accepting this scholarship is expected to work in the Queen Elizabeth Hospital for one year following completion of her course provided there is a position open in her field of study.

9. REDDY MEMORIAL HOSPITAL

The Board of Directors offers a bursary to assist with a year's study at the School for Graduate Nurses. Only graduates of the School of Nursing or Staff Nurses of the Hospital are eligible. They should apply to the Director of Nursing.

10. GOVERNMENT BURSARIES

A limited number of bursaries are made available through the School, by the Province of Quebec, for nurses who wish to remain in the province. Students from other provinces should apply to their respective Provincial Departments of Health.

W. K. KELLOGG FOUNDATION LOAN FUND

Through the generosity of the Foundation, this fund has been established to assist graduate nurses who have unexpected expenses while registered in courses at the School. For further particulars applicants should consult the Director of the School for Graduate Nurses.

PROGRAMMES OF STUDY FOR GRADUATE NURSES

LEADING TO A DIPLOMA

All students in the First year are required to take the prescribed core courses which are fundamental to all areas of nursing. In addition, students select courses which fulfil the requirements of their major field of interest. Upon the completion of one year of study students are granted a diploma.

LEADING TO THE DEGREE OF BACHELOR OF NURSING

Students who have met the requirements for the diploma may proceed with the Second year of the degree programme, providing such students have McGill Senior Matriculation standing or its equivalent

FIELD EXPERIENCE

FIRST YEAR

Concurrent field experience forms part of a number of courses. In addition, the months of September and May are devoted to field experience.

Field Experience in Public Health Nursing: The normal requirement for students without previous public health experience is eight weeks. This requirement is adjusted to meet individual needs, and students are not expected to repeat experience which has been gained under adequate supervision. Ordinarily there are two weeks during September and six weeks following the examinations in the spring.

Field Experience in Teaching and Supervision in Schools of Nursing: Students enrolled in this programme will have six weeks of field experience: two weeks in September and four weeks following examinations in the spring.

SECOND YEAR

All students in the Second year are expected to complete two months of field experience during May and June.

FIRST YEAR

CORE COURSES (REQUIRED OF ALL STUDENTS IN THE FIRST YEAR)

SOCIOLOGY 210

PSYCHOLOGY 21

NG-11 COMMUNITY ORGANIZATION

NC-11 PRINCIPLES OF LEARNING AND METHODS OF TEACHING

NC-12 NUTRITION

NC-13 HUMAN GROWTH AND DEVELOPMENT

COURSES IN FIELD OF SPECIALIZATION

Basic Sciences and Clinical Teaching

NA-11 WARD MANAGEMENT AND SUPERVISION

Two full courses from those listed below. (Students in the degree programme preparing to teach the basic sciences do not take NA-11 and are required to take two sciences. Students in the clinical fields select a clinical course and one additional course. All students entering with Junior Matriculation are strongly advised to select English):

NS-12 Medical-Surgical Nursing

NS-14 Psychiatric Nursing

NS-16 Maternal and Child Health (Students do major work in either Obstetric or Paediatric Nursing)

Physics 11, Chemistry 11, Biology 100

Chemistry 22a (for students with Senior Matriculation standing in Chemistry)

English, History, Philosophy

(*See Announcement of Faculty of Arts and Science.*)

Public Health Nursing

NS-11 PUBLIC HEALTH NURSING

NC-14 PUBLIC HEALTH PRACTICE

One full course from those listed below:

Science

English

History

Philosophy

(*See Announcement of Faculty of Arts and Science.*)

SECOND YEAR

Nursing Education (Advanced), and Administration in Hospitals and Schools of Nursing.

CORE COURSES: (REQUIRED OF ALL STUDENTS REGISTERED IN TEACHING IN SCHOOLS OF NURSING AND ADMINISTRATION IN HOSPITALS AND SCHOOLS OF NURSING)

SOCIOLOGY 340a and 311b

POLITICAL SCIENCE 212

NC-25 PHILOSOPHY OF EDUCATION

BUSINESS ADMINISTRATION 450

NC-23 INTRODUCTION TO STATISTICS

NC-28 EPIDEMIOLOGY

COURSES IN FIELD OF SPECIALIZATION

Basic Sciences and Clinical Teaching

NE-21 CURRICULUM IN SCHOOLS OF NURSING

One full course from the following:

Physiology 22 (See prerequisite)
Sociology
Economics
English
History
Philosophy
Modern Language
(*See Announcement of Faculty of Arts and Science.*)

NG-21 STUDIES AND PROJECTS IN THE FIELD OF SPECIALIZATION:

Teaching the Sciences,
Medical-Surgical Nursing,
Maternal and Child Health,
Psychiatric Nursing
(Field work necessary for the study in addition)

Administration in Hospitals and Schools of Nursing

NA-24 ADMINISTRATION IN HOSPITALS AND SCHOOLS OF NURSING

NC-27 HOSPITAL ADMINISTRATION

One full course from the following:

Physiology 22 (See prerequisite)
Sociology
Economics
English
History
Philosophy
Modern Language
(*See Announcement of the Faculty of Arts and Science.*)

NG-21 STUDIES AND PROJECTS IN THE FIELD OF SPECIALIZATION:

Administration of Hospital Nursing Service *or*
Administration in Schools of Nursing
(Fieldwork necessary for the study in addition)

SECOND YEAR

Public Health Nursing (Advanced)—Administration and Supervision in Public Health Nursing.

CORE COURSES: (REQUIRED OF ALL STUDENTS REGISTERED IN ADVANCED WORK IN PUBLIC HEALTH NURSING)

SOCIOLOGY 340a and 311b

POLITICAL SCIENCE 212

NC-25 PHILOSOPHY OF EDUCATION

BUSINESS ADMINISTRATION 450

NC-23 INTRODUCTION TO STATISTICS

NC-28 EPIDEMIOLOGY

COURSES IN FIELD OF SPECIALIZATION

Administration and Supervision in Public Health Nursing

NA-21 ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

One full course from the following:

Physiology 22 (See prerequisite)
Sociology
English
History
Philosophy
Modern Language
(*See Announcement of the Faculty of Arts and Science.*)

NG-21 STUDIES AND PROJECTS IN PUBLIC HEALTH NURSING
(Fieldwork necessary for the study in addition)

DESCRIPTION OF COURSES FOR GRADUATE NURSES

NURSING — GENERAL

NG-11 COMMUNITY ORGANIZATION

An analysis of changing patterns of home and community life and factors responsible for these changes; current health problems arising from social changes; progress in medicine and trends in nursing to meet community needs.

One hour, two terms. *Professor Chittick and special lecturers*

NG-21 STUDIES AND PROJECTS IN THE FIELD OF SPECIALIZATION

In this course students make a study of a selected problem in nursing using simple research methods. Each student is expected to choose a problem for study which will be of interest and help in her special field of nursing. The course is conducted as a seminar with class discussions and individual conferences.

One and one-half hours, two terms. *Specialists in various fields*
(Fieldwork necessary for the study in addition.)

NURSING — EDUCATION

NE-21 THE CURRICULUM IN SCHOOLS OF NURSING

This course is designed to develop an understanding of the factors which affect the curriculum in schools of nursing and the issues involved. The content includes the application of the principles of curriculum construction to the school of nursing curriculum—philosophy, purpose and aims of the school, formulation of objectives, selection, organization, and evaluation of learning experiences, methods of teaching, supervision, and guidance of students.

Two hours, two terms. *Professor Allen*

NURSING — ADMINISTRATION

NA-11 WARD MANAGEMENT AND SUPERVISION

A study of administrative planning for the hospital ward as the unit of hospital administration, plans for patient care, controlling the environment, supplies and equipment, personnel, ward teaching as part of the

administrative plan, the function of the ward in the educational programme of the student nurse; the principles of supervision applied to nursing education and nursing service in establishing a supervisory programme.

Three hours, second term. *Miss G. Purcell*

NA-24 ADMINISTRATION IN HOSPITALS AND SCHOOLS OF NURSING

The scope and principles of administration, staffing and supervisory problems, orientation of personnel, in-service education, the organization of the school of nursing, recruitment and selection of students, school publicity, curriculum planning, housing of students, budgeting.

Two hours, two terms. *Professor Chittick and special lecturers*

NA-21 ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Principles of administration and supervision are applied to the field of public health nursing in studying official and voluntary health services. This course includes the planning and evaluation of services, methods of organization and financing, personnel management, human relationships, and supervisory functions with emphasis on staff and student education.

Two hours, two terms. *Professor Hurd and Miss K. Macdonald*

(Concurrent field experience in addition.)

NURSING — SPECIALTIES

During the fall term all students in the first year participate in a course entitled General Nursing which is closely linked with the September field experience and is designed to assist students to identify the elements fundamental to all nursing, and so to broaden their understanding of the comprehensive nature of nursing. The course consists of presentations by staff members and special lecturers followed by group discussions and conferences. The hours devoted to this course constitute part of the time allocated to public health nursing and to the various clinical specialties.

NS-11 PUBLIC HEALTH NURSING

An introduction to the principles and methods of public health nursing practice; application of principles and methods in the development of maternal, infant, pre-school, school, industrial, and morbidity nursing services; the staff nurse in relation to administration and supervision.

Two hours, first term; three hours, second term. *Miss K. Macdonald*

(Concurrent field experience in addition.)

NS-12 MEDICAL-SURGICAL NURSING

The course aims to develop a deep appreciation of the individual as a patient, the factors which affect his illness and recovery, and the effect of illness upon his family and the community. The content includes a study of the processes which assist in the maintenance of health, common deviations and the body's general reactions to these deviations. The course stresses the implications for nursing in the care of the general medical and surgical patient and the special needs as determined by his condition. Learning experiences are provided in the care of medical-surgical patients, teaching of medical-surgical nursing and related subjects, and in the supervision and guidance of students.

Three hours, two terms. *Professor Allen and special lecturers*
(Concurrent field experience in addition.)

NS-14 PSYCHIATRY AND PSYCHIATRIC NURSING

This course is designed to increase the student's understanding of personality disorders through lectures, conferences, and discussions concerning human behaviour, social interaction, present psychiatric thought and practice. Visits to community agencies for prevention and rehabilitation emphasize the concept of total health. Field work in treatment centres provides opportunity for application of knowledge to nursing care, nursing service, and nursing education.

Three hours, two terms.
Mrs. G. A. Gemeroy, Miss F. Buller, and special lecturers
(Concurrent field experience in addition.)

NS-16 MATERNAL AND CHILD HEALTH NURSING

This course is planned for students who are interested in Obstetric or Paediatric Nursing. The first term is devoted to the study of the normal maternity cycle, the newborn, and growth and development of the child through adolescence. Time is spent in community agencies such as antenatal clinics, nursery schools, schools, and community centres. During the second term, students have an opportunity to apply their knowledge to the study of nursing methods and teaching in either Obstetric or Pediatric Nursing. The course includes lectures, conferences and clinics conducted by specialists in various fields.

Three hours, two terms. *Miss E. Worthy and special lecturers*
(Concurrent field experience in addition.)

NURSING — COGNATE COURSES

NC-11 PRINCIPLES OF LEARNING AND METHODS OF TEACHING

A study of how we learn and an analysis of those methods of teaching that facilitate learning. General principles of curriculum planning.

Two hours, first term. *Professor Nix*

NC-12 NUTRITION

Recent advances in the field of nutrition; prevalence, causes, and prevention of malnutrition; current health problems involving nutrition.

One hour, first term. *Professor Bain*

NC-13 HUMAN GROWTH AND DEVELOPMENT

The course covers growth from the pre-natal stage to maturity and old age. The lectures concentrate on child development and emphasize the influence of such aspects of development as maturation, perception, emotional development, intelligence and socialization. During the second term considerable attention is given to mental health.

Two hours, two terms. *Mrs. Birks*
Professor MacLeod

NC-14 PUBLIC HEALTH PRACTICE

The development and present status of public health in Canada and other countries; policy and function of national, provincial, and local health departments; role of the voluntary agency, legislation affecting health; vital statistics; epidemiology; planning community health programmes, rural and urban; maternal, infant, pre-school, and industrial health services, evaluation of health services.

Two hours, two terms. *Professor MacMillan*

NC-23 INTRODUCTION TO STATISTICS

This course is designed to develop an understanding of statistical methods and their application in nursing. The content presented includes: value and uses of statistical data; collection and tabulation of data; analysis of data using measures of central tendency, variability and reliability; presentation of data in text, tables and graphs, and the interpretation of data.

Two hours, first term. *Professors Chittick and Hurd*

NC-25 PHILOSOPHY OF EDUCATION

An introduction to the basic subject matter of educational philosophy; an historical analysis and interpretation of the more important elements in modern education derived from surveying the history of education; a study of critical issues in contemporary education.

Two hours, first term. *Professor Nix*

NC-27 HOSPITAL ADMINISTRATION

Principles of organization and administration applied to the hospital; committees, finance, purchasing, maintenance, housekeeping, personnel, medical and nursing services; administration of departments, health service, the school of nursing in the hospital.

Two hours, second term. *Dr. Turner*
Mr. Westbury

NC-28 EPIDEMIOLOGY

The course covers the growth of epidemiology from a purely descriptive to an experimental science. The technique of epidemiological investigation is discussed. The place of epidemiology in the understanding of both infectious and non-infectious diseases is stressed, as well as the contribution the epidemiological approach can make to the appreciation of other problems affecting the health and well-being of the community.

Two hours, second term. *Professor Fleming*

COURSES GIVEN IN OTHER FACULTIES

Students have an opportunity to select courses from those offered in the Faculty of Arts and Science as outlined in the various programmes. (See pages 3218, 3219, 3220.)

PROGRAMME OF STUDY IN BASIC NURSING

LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN NURSING

This programme combines general education at university level with the knowledge and skills essential to the practice of nursing. It is designed to make the best use of scientific and cultural courses to enrich the knowledge and develop the skills of young women interested in making an outstanding contribution in the field of nursing.

During the First year students complete the requirements of the First year of the B.Sc. course in the Faculty of Arts and Science, and, in addition, are introduced to the profession of nursing through a course of nine weeks which begins at the end of July. In the four subsequent years the programme combines both academic and professional courses with selected clinical experience in the McGill teaching hospitals and in public health agencies in Montreal. Additional hospital and public health experience is obtained during the summer months with the exception of one vacation month each year. Throughout the course the aim is to give the student breadth of understanding as a basis for sound nursing practice.

The programme meets the requirements for registration under the Quebec Nurses' Act. To obtain a licence to practise nursing on completion of the programme, students must provide legal evidence of their date of birth on entering the *first* nursing course.

First year

English 100 and 100C
Mathematics 111
Chemistry 11
Physics 11
Biology 100
Nursing Ia—9 weeks.
Vacation—3 months.

Second year

Anatomy 2
Physiology 22
Chemistry 22a
Psychology 21
Nutrition II
Nursing Ib and IIa

Summer Session:
Nursing IIb—3 months
Nursing practice in hospital—1 month
Vacation—1 month

Third year

English (selected course)
Sociology 210
Psychology 33
Nutrition III
Bacteriology
Nursing IIc

Summer Session:
Nursing III—3 months
Nursing practice in hospital—1 month
Vacation—1 month

Fourth year

Sociology 340a and 311b
History 100 *or* Economics 100 *or* a Modern Language
Nursing IVa

Summer Session:
Nursing IVb and V—3 months
Nursing practice in hospital—1 month
Vacation—1 month

Fifth year

Social Psychology 42
Elective from Faculty of Arts and Science
Nursing VI and VII and VIII

DESCRIPTION OF COURSES IN BASIC NURSING

NURSING Ia and b—INTRODUCTION TO NURSING. This course is designed to introduce the student to the broad field of nursing and to the idea of the comprehensive nature of nursing care both within the hospital and in the community. Through individual and group discussion, demonstration and practice, she is assisted to care for the less acutely-ill patient and to develop some basic nursing skills. During observations in the community, emphasis is placed on the health needs of the individual, the factors influencing these needs and the resources available for meeting them.

(a) 10 hours class and 20 hours practice, 9 weeks, first summer.

(b) 1½ hours class and 2 hours practice, Second year, first term.

Professor Allen and other Staff Members

NURSING IIa, b and c—GENERAL NURSING. A study of the body's general reactions in disease and the principles underlying diagnosis and treatment. Within the total treatment plan the student begins to identify the role of nursing and with guidance to plan and provide for the nursing care of

the acutely-ill patient. She gains experience in those departments involved in the care of the acutely-ill person and visits some of the agencies for rehabilitation in the community.

(a) 4 hours class, Second year, second term.

(b) 10 hours class, 25 hours practice, 13 weeks, second summer.

(c) 2 hours class, 2 hours practice, Third year, first term.

Professor Allen and other Staff Members

NURSING III—MATERNAL AND CHILD HEALTH NURSING. The student cares for patients during pregnancy and the puerperium, in infancy and childhood. Emphasis is placed upon the family unit in planning for and promoting care. Experience is planned in the hospital wards and out-patient departments, and in the home.

10 hours class, 20 hours practice, 13 weeks, third summer.

Miss E. Worthy and other Staff Members

NURSING IVa and b—MEDICAL-SURGICAL SPECIALTIES. This course is designed to guide the student as she becomes involved in more complex interpersonal situations resulting from responsibility for the care of a greater number of patients. The student meets with nursing problems such as are found in the care of the patient at night, the long-term patient and patients with special medical-surgical conditions.

(a) 6 hours class, 20 hours practice, Fourth year, two terms.

(b) 6 hours class, 28 hours practice, 1 month, fourth summer.

Professor Allen and other Staff Members

NURSING V—PSYCHIATRIC NURSING. A study of present psychiatric thought and practice through lectures, inter-disciplinary conferences and discussions. The development of interpersonal and group skills as therapeutic measures is emphasized during the care of patients with varying degrees and kinds of behavior disorder. Experience is planned in the community, the general hospital and the mental hospital.

12 hours class, 20 hours practice, 9 weeks, fourth summer.

Mrs. G. A. Gemeroy and other Staff Members

NURSING VI—NURSING IN THE COMMUNITY. This course is designed to enable the student to develop increased understanding of relationships between social characteristics and patterns of health and disease and of the organization of services to meet the health needs of the individual, the family and the community. Students have supervised practice in voluntary and official health agencies.

5 hours class, 20 hours practice, Fifth year, first term.

Professor Hurd and Miss K. Macdonald

NURSING VII—WARD MANAGEMENT AND TEACHING. Study of the various aspects of ward management and clinical instruction with an opportunity to assume some responsibility for the management of a hospital ward.

3 hours class, 20 hours practice, Fifth year, second term.

Professor Logan

NURSING VIII—NURSING IN TODAY'S SOCIETY. In this course students study the profession of nursing in society today, and become familiar with current problems in nursing service and in nursing education. The course is conducted as a seminar with students participating in conferences, discussions and group projects.

2 hours, Fifth year, second term. *Professor Chittick*

ANATOMY 2—SYSTEMATIC ANATOMY (given in the Faculty of Medicine). Lectures and demonstrations designed to provide a knowledge of the anatomical structure of the vital organs by systems.

2 hours class, 2 hours laboratory, two terms.

Dr. W. R. Kent

BACTERIOLOGY (given in the Faculty of Medicine).

To be arranged.

NUTRITION II (given in the Department of Health and Social Medicine). A study of the nutritional requirements of the body in health and how they are met through proper food selection and preparation; the influence of social, economic and emotional factors in determining eating habits; the application of the principles of nutrition in meeting the needs of various family members; the nurse's role in nutrition education.

1 hour, one term. *Professor Bain*

NUTRITION III (given in the Department of Health and Social Medicine).

Professor Bain

For other courses see Calendar for Faculty of Arts and Science.

McGill University



Montreal

School of Social Work

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:—

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Institute of Education
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture and School of Household Science)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. For limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

TABLE OF CONTENTS

	Page
Calendar of Dates	3304
Administrative Officers of the University	3305
Staff of the School	3306
Sessional Supervisors in Field Work	3307
Centres for Field Instruction	3308
General Information	3311
Resources and Equipment	3313
Degrees	3313
Admission Requirements	3313
Advanced Standing	3314
Application and Registration	3315
Plan of Study	3315
Fees	3317
Bursaries and Loans	3318
Description of Courses	3318
Extension Courses	3324

School of Social Work

CALENDAR FOR 1958 - 1959

1958

September 10th, Wednesday. Registration all Second year students (9:00-12:00) and all part-time students (1:00-4:00).

September 11th, Thursday. Registration all First year students.

September 12th, Friday. General Assembly and Reception all students.

September 15th, Monday. Instruction begins.

October 6th, Monday. Fall Convocation.

December 19th, Friday. First term ends.

1959

January 6th-8th, Tuesday-Thursday. Examinations.

January 9th, Friday. Second term begins.

March 27th-30th, Friday-Monday. Easter Vacation.

April 17th, Friday. Last day of lectures.

April 21st, Tuesday. Last day for filing M.S.W. theses for Spring Convocation.

April 22nd-24th, Wednesday-Friday. Examinations.

April 28th, Tuesday. Full-time field work (1st year) and full-time research (2nd year) begin.

May 29th, Friday. Convocation.

June 5th, Friday. Second term ends.

August 25th, Tuesday. Last day for filing M.S.W. theses for Autumn Convocation.

Social Work

The School of Social Work is under the administrative jurisdiction of the Faculty of Arts and Science.

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

David L. Thomson, B.Sc., M.A., Ph.D., LL.D., F.C.I.C., F.R.S.C. — *Vice-Principal*

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean of McGill College (Faculty of Arts and Science)*

John J. O. Moore, M.A., Ed.D. — *Director of the School of Social Work*

John H. Holton — *Secretary of the Board of Governors*

Colin M. McDougall, D.S.O., B.A. — *Registrar*

G. A. Grimson, B.Com. — *Comptroller*

SCHOOL OF SOCIAL WORK OFFICE

3600 University Street

Montreal 2, P.Q.

Telephone—VI. 9-9181

STAFF OF THE SCHOOL OF SOCIAL WORK

FAY BERKES, B.A., Cornell University, M.A., Teachers College, Columbia University — *Special Lecturer in Community Organization*

J. O. W. BRABANDER, M.D., C.M. — *Lecturer in Medicine*

DOROTHY FREEMAN, B.A., Diploma, McGill School for Social Workers — *Associate Professor of Social Work, Psychiatric Social Work*

CUTHBERT G. GIFFORD, D.F.C., B.A., M.S.W., University of Pittsburgh, School of Social Work — *Associate Professor of Social Work, Group Work*

MARGARET GRIFFITHS, B.A., Diploma, School of Social Work, University of Toronto, M.A., School of Social Service Administration, University of Chicago — *Assistant Professor of Social Work, Child Welfare*
Acting Director of the School until August 31st, 1958

H. DAVID KIRK, M.A., Ph.D., Cornell University — *Associate Professor of Social Work, Research and Human Behaviour*

RUTH KIRK, B.S., Columbia University — *Assistant Supervisor in Research*

HEINZ E. LEHMANN, M.D.(Berlin) — *Assistant Professor of Psychiatry*

J. B. LIGHTMAN, B.A., LL.B., M.S.S., University of State of New York — *Associate Professor of Social Work, Public Welfare*

FRANCIS LUX, Dr. Jur., M.S.W., McGill University School of Social Work — *Supervisor of Field Work Unit*

ALASTAIR W. MACLEOD, B.Sc., M.B., Ch.B., D.P.H., M.R.C.P. — *Assistant Professor of Psychiatry*

MARGARET I. MILLAR, B.A., M.S.W., University of British Columbia School of Social Work — *Supervisor of Field Work Unit*

JOHN J. O. MOORE, B.A., M.A.(Soc. Wk.), University of Denver, Ed.D., Columbia University (On leave of absence until August 31st, 1958) — *Professor of Social Work, Community Organization.*
Director of the School

ISABEL A. MUNROE, B.A., Diploma, Montreal School of Social Work — *Supervisor of Field Work Unit*

KATHERINE NICKEL, B.A., B.L.S. — *Librarian*

ANNA MAE PATTEE, B.A., Stanford University, M.S.S.W., University of Denver — *Supervisor of Field Work Unit*

MIQUEL PRADOS Y SUCH, M.D.(Madrid) — *Adviser for Psychiatric Sequence*

VERITY M. ROSS, M.Sc., Ph.D., McGill University
Assistant Professor of Social Work, Human Behaviour, Research and Field Instruction

ARTHUR ROTMAN, M.S.(Soc.Admin.), School of Applied Social Sciences, Western Reserve University *Special Lecturer in Group Work Skills*

MARY STEVENSON, B.A., Diploma, School of Social Work, University of Toronto, M.S.W., McGill University School of Social Work
Assistant Professor of Social Work, Family Welfare

HELEN H. TUCK, B.A., M.S.W., McGill University School of Social Work *Associate Professor of Social Work, Medical Social Work*

DAVID WEISS, B.S.S., Diploma, New York School of Social Work
Special Lecturer in Administration of Social Agencies

EVA R. YOUNGE, M.A.
Associate Professor of Social Work and Director of Research

SESSIONAL SUPERVISORS IN FIELD WORK

MISS BARBARA ALLAN, M.S.W.
MRS. FRANCES ANDERSON, M.S.S.
MISS JOYCE BEATTY, M.S.W.
MISS MARGUERITE BEAULIEU, Dipl.Soc.Wk.
MR. CONRAD F. CARRINGTON, B.S.W.
MR. STANLEY A. CLYKE, B.S.W.
MRS. BARBARA COWAN, M.S.W.
MISS MARY W. CURRIE, B.A., Dipl.Soc.Wk.
MISS RHODA ENGLANDER, M.S.W.
MR. JOSEPH FRIEDMAN, B.S.W.
MISS G. ELEANOR FURLONG, M.S.W.
MISS EILEEN GRIFFIN, B.A., Dipl.Soc.Wk.
MISS HENRIETTA HARVIE
MRS. M. JEAN HENSHAW, B.A., Dipl.Soc.Wk.
MISS JEAN HUGGARD, M.S.W.
MR. JOSEPH KAGE, B.A., Dipl.Soc.Wk.
MISS RHODA KOPSTEIN, B.S.W.
MISS ELIZABETH LAVERS, M.S.W.
MISS THERESE LAVOIE, M.S.S.
MRS. ELSIE MACKENZIE, B.A., Dipl.Soc.Wk.
MISS MARY M. MACLEAN, M.S.W.
MISS BERTHE MICHAUD, Dipl.Soc.Wk.
MISS PATRICIA MORRISON, M.S.W.
MISS MARYGOLD NASH, M.S.W.
MISS HINDA ORDOWER, M.S.W.
MISS FREDDA PEDEN, M.S.W.
MRS. GERINE M. PHILLS, M.S.W.
MISS DOROTHY PLEMING, B.A.
MRS. PHYLLIS POLAND
MRS. JOAN ROBERTS, M.S.W.
MR. A. ROSENBLATT, M.A., Dipl.Soc.Wk.
MR. ARTHUR ROTMAN, M.S. (Soc.Admin.)
MRS. RITA SAMUEL, M.S.W.
MR. WILLIAM SHALINSKY, M.S.W.
MRS. DOROTHY SIROTA, Dipl.Soc.Wk.
MISS MARY TRAYES
MISS JESSIE WATTERS, M.S.S.
MR. E. WEINER, M.S.W.
MISS INA YOUNG, Dipl.Soc.Wk.

CENTRES FOR FIELD INSTRUCTION

MONTREAL

Allan Memorial Institute of Psychiatry of the Royal Victoria Hospital: Director, Dr. D. Ewen Cameron

Baron de Hirsch Institute, Family Welfare Department: Executive Director, David Weiss

B'Nai B'Rith Youth Organization: Director, Miss Rhoda Englander

Boys' Farm and Training School: Executive Director, W. F. Shepherd

Children's Service Centre: Executive Director, Mrs. Muriel B. McCrea

Department of Veterans' Affairs, Social Service Division: District Supervisor, Mrs. Gladys Fulford

Ste. Anne's Hospital, Medical Social Service Department: Director, Miss Mary M. MacLean

Family Welfare Association: General Secretary, Miss Elinor G. Barnstead

Federation of Jewish Community Services: Executive Director, Arthur S. Rosichan

Girls' Cottage School: Executive Director, Miss E. M. Hickey

Jewish Child Welfare Bureau: Executive Director, David Weiss

Jewish General Hospital, Social Service Department: Director, Mrs. Esther Spector

Jewish Immigrant Aid Society: Director of Social Services, Joseph Kage

John Howard Society: Executive Director, Mrs. Kathleen Campbell

Mental Hygiene Institute: Director, Dr. Baruch Silverman

Montreal Boys' Association: Executive Director, C. A. Wylie

Montreal Children's Hospital, Social Service Department: Director Mrs. Christina G. James

McGILL UNIVERSITY, SCHOOL OF ARCHITECTURE: Chairman, Committee on Physical Planning, Professor H. Spence-Sales

MONTREAL COUNCIL OF SOCIAL AGENCIES: Executive Director, Charles H. Young

MONTREAL GENERAL HOSPITAL, Social Service Department: Director, Miss Jessie M. Lawrence

MONTREAL NEUROLOGICAL INSTITUTE, Social Service Department: Director, Miss Joyce Beatty

NEGRO COMMUNITY CENTRE: Executive Director, S. A. Clyke

NEIGHBOURHOOD HOUSE: Executive Director, E. Weiner

OCCUPATIONAL THERAPY AND REHABILITATION CENTRE: Executive Director, Miss Constance Lethbridge

PROTESTANT BOARD OF SCHOOL COMMISSIONERS, Attendance Department: Chief Attendance Officer, B. H. Brown

ROYAL VICTORIA HOSPITAL, Social Service Department

ST. ANDREW'S YOUTH CENTRE: Executive Director, Mrs. Sigrid Day

ST. LAURENT NEIGHBOURHOOD ASSOCIATION, INC.: Executive Secretary, Miss A. I. Vail

TRAVELLERS' AID SOCIETY: Executive Director, Mrs. M. Jean Henshaw

UNIVERSITY SETTLEMENT: Executive Director, Howard R. McCartney

VERDUN PROTESTANT HOSPITAL, SOCIAL SERVICE DEPARTMENT: Director, Miss Lois A. E. Naylor

YOUNG MEN'S AND YOUNG WOMEN'S HEBREW ASSOCIATION: Executive Director, Harvey Golden

YOUNG WOMEN'S CHRISTIAN ASSOCIATION: Acting Director, Miss Doris Campbell

OTTAWA

CHILDREN'S AID SOCIETY: Executive Director, Clarence Halliday

School of Social Work

GENERAL INFORMATION

The McGill University School of Social Work offers a full two-year course of graduate professional education for social work. McGill University is organized by Faculties, with the School of Social Work administered under the Faculty of Arts and Science.

In 1918, McGill University founded a School for Social Workers which was discontinued in 1932. In 1933, with the approval and cooperation of the University, an independent school, offering a two-year course to university graduates and known as the Montreal School of Social Work, was established. In October 1945, the University resumed the function of social work education and, by agreement with its Board of Trustees, the Montreal School of Social Work became the McGill University School of Social Work. The final step in integrating the School into McGill University was taken in 1950, since which time the University has assumed complete responsibility for it. The School is a fully accredited member of the Council on Social Work Education, this organization having supplanted the American Association of Schools of Social Work, of which the School became a member in 1939. Through its membership in this and other national and international organizations, the School is in close touch with significant developments in social work education on the North American continent, and throughout the world.

PURPOSE

The purpose of the School is to provide qualified men and women with the preparation necessary for successful practice in all branches of professional social work. This education is offered on a graduate level, in a curriculum of courses, supervised practice, and research, planned in accordance with the general policies and standards of the Council on Social Work Education. A general basic two-year course of training is given which prepares students for the field of social work. Included in this course of training are the accredited sequences in psychiatric social work, medical social work, and social group work, which have received special approval by the Council on Social Work Education and professional bodies.

THE PROFESSION OF SOCIAL WORK

During the past few decades the services of trained social workers have been increasingly sought by both public and private social welfare agencies. The supply of such workers has never kept pace with the demand and the present shortage is gravely acute. Urgent requests for graduates to fill responsible and well-paid positions are received almost daily. It is obvious that the development of social security programmes and welfare schemes of many kinds, both at home and on the international level, will afford opportunities for satisfying and useful careers to men and women who equip themselves in a school of social work to render services which fall within the following general groupings:

Social Case Work, involving direct service to individuals and families with four main subdivisions: Family Social Work, Child Welfare, Medical Social Work, and Psychiatric Social Work.

Social Group Work, designed to provide individuals with socialized experience through group activities carried on in recreation centres, social settlements, camps, community centres, hospitals, and institutions.

Community Organization, concerned with the planning, organization, and development of the community to meet changing community situations and needs.

Public Welfare, concerned with social services under public auspices, the particular relationship they provide with the clientele, their administration, and their planning.

Social Administration, dealing with the administration and planning phases of social work, including supervision of other workers, teaching, and consultant services.

Research in Social Work, which, in addition to the type of research common to all social sciences, is specifically addressed to programmes, techniques, cost, efficiency, and social significance of the work of social agencies under public and private auspices.

Graduates of the School are to be found in responsible positions in the numerous private social agencies in the cities and rural areas of Canada, and in foreign countries, as well as in the public welfare services, federal, provincial, and municipal. Increased recognition of the value of professionally trained personnel and improved salaries for all classes of social work positions in recent years indicate that well qualified graduates can look forward to fairly rapid advancement and reasonable remuneration.

RESOURCES AND EQUIPMENT

The School is an integral part of McGill University and its students are able to participate fully in the varied life of a great university. Its affiliation with the Faculty of Arts and Science assures close liaison with the Faculty's resources, particularly in the social and biological sciences. In several related fields of professional study—particularly law, medicine, and psychiatry—a rich university tradition of scholarship and achievement is available to it. It has its own building providing classroom accommodation, students' common room, and a compact up-to-date social work library to which new books, documents, and pamphlets are added continually. Students may also use the Redpath Library, the Medical Library, and special libraries in the School of Commerce, the Faculty of Law, and the Mental Hygiene Institute.

Montreal, the largest and most cosmopolitan city of Canada, affords varied community resources in both the public and private social services. A bilingual community, and the main port of entry for immigrants, it affords unique opportunities for study of social problems. The well known teaching hospitals of the city offer unexcelled opportunities for medical and psychiatric social work training. Four Financial Federations and two Councils of Social Agencies afford a fertile field for the study of community organization. Private family, child welfare, and group work agencies are well organized and offer diversified field experience. Federal and Provincial Government local administrative offices, such as the National Employment Service, Unemployment Insurance Commission, Workmen's Compensation Board, Old Age Pensions Board, Mothers' Allowance Commission, etc., are available for study.

DEGREES

The degree of Master of Social Work (M.S.W.) is awarded to students who complete the two-year graduate course in accordance with the regulations of the Faculty of Arts and Science.

ADMISSION REQUIREMENTS

1. DEGREE STUDENTS

Full-time (General)
Part-time (Limited Degree)

Work for the degree may be undertaken on either a full-time or part-time basis, but all requirements for the M.S.W. degree must be fulfilled within a six-year period, and no student may qualify for the degree without a session of resident study, in which he carries approximately two thirds of a full-time programme.

Applicants must meet the following requirements:

(a) Graduation with a bachelor's degree from a university or college of recognized standing. Applicants should have completed, with superior standing, an undergraduate course providing a broad liberal education, with a substantial core in the social sciences, particularly sociology, psychology, economics, and political science.

A course in elementary statistics is required prior to admission. Students who enter without statistics shall take such a course without credit, either in the School of Social Work or elsewhere prior to entering their second year.

Students holding a bachelor's degree may be advised on admission to undertake some supplementary basic preparation, either prior to admission or between sessions.

(b) Good health as certified by a physician.

(c) Personal qualifications which in the opinion of the School appear to warrant expectation of success in social work.

(d) Age between 21 and 35 years except in special circumstances.

2. SPECIAL STUDENTS

Full-time (General)

Part-time (Partial)

A limited number of mature persons who are not university graduates, but whose general background and experience in social work suggest ability to profit by work in the School, may be accepted as special students at the discretion of the Committee on Standings. Such students may be required to register in certain undergraduate courses of the Faculty of Arts and Science. A statement of standing for courses taken under examination may be obtained on request, but credit is not given towards a degree.

3. QUALIFYING STUDENTS

Full-time (General)

Part-time (Limited)

Those students who have (a) qualifications for becoming degree students, but who have not yet been accepted for degree status; or (b) those students who are not qualified for degree status, but who are in process of becoming qualified through meeting specified requirements.

ADVANCED STANDING

Courses: Students desiring to secure credit towards a degree for courses taken in other universities or schools of social work must submit official records with any applications for such credit. Each case will be dealt with on its merits.

Field Work: In most cases students may be given credit for field work undertaken prior to registration in the School. The amount of such credit will be determined after the School has had an opportunity of observing the student's performance in the field.

Decisions involving questions of advanced standing will be made by the Committee on Standings.

APPLICATION AND REGISTRATION

Prospective students wishing information about the profession, or about prerequisites, should communicate with the School, where a preliminary interview will be arranged.

Application for admission must be made in advance of registration. Since enrolment is limited and the admissions policy is selective, intending students are advised to apply by *April 1st* in the year during which they desire to enter the School. Early applications will receive preferential consideration. A personal interview is arranged, at the School whenever possible; otherwise an applicant may be requested to interview a person designated by the School. Application forms may be obtained from the School of Social Work, McGill University. Applicants who are not McGill graduates must submit a certified copy of their academic record beyond high school. Applications must be accompanied by a physician's certification that applicant has been examined and is in good health.

Registration: Students in the School of Social Work will register at the School, 3600 University Street, as indicated in the School Announcement (page 3304). Registration begins Wednesday, September 10th.

All students are admitted on probation. A student may be asked to withdraw if careful review of his progress suggests this to be advisable.

Students taking a full programme of courses in any term usually cannot expect to do the work of the School satisfactorily unless they give their full time to it.

PLAN OF STUDY—

REQUIREMENTS FOR THE MASTER OF SOCIAL WORK DEGREE (M.S.W.)

FIRST YEAR PROGRAMME

Basic courses in the following subjects are required of all candidates:

SOCIAL CASE WORK

SOCIAL GROUP WORK

HUMAN GROWTH AND BEHAVIOUR

COMMUNITY ORGANIZATION

THE SOCIAL SERVICES
SOCIAL RESEARCH
FIELD WORK

The programme of First year students is prescribed.

Requirements for the First year of work are:

1. Completion of the equivalent of five "full courses" in the above list.
2. Supervised field work (a) two days per week, September-April, (b) daily for six weeks following close of classes.

SECOND YEAR PROGRAMME

Admission to Second year standing will be restricted to those students who have obtained at least second class standing in the First year course or its equivalent and whose performance is satisfactory to the Committee on Standings. The pass mark in all courses will be 50 per cent in the First year and 65 per cent in the Second. Permission to write supplemental examinations or to repeat courses will be granted only when the School so recommends.

Students may, staff concurring, write a thesis which must be satisfactory to internal and external examiners. Students who elect not to write a thesis shall be required to complete other research requirements and additional courses. (See Description of Courses.)

In the Second year the student may elect to broaden and deepen his general preparation for the practice of social work or to concentrate his studies, to some extent, in a particular field of his choice.

At present the School prepares students for practice in the following fields:

FAMILY CASE WORK
CHILD WELFARE
MEDICAL SOCIAL WORK
PSYCHIATRIC SOCIAL WORK
COMMUNITY ORGANIZATION
PUBLIC WELFARE
SOCIAL GROUP WORK
SOCIAL RESEARCH
SOCIAL ADMINISTRATION

Students from Other Countries

The School is especially equipped to provide training for students planning to work in countries other than Canada and the United States.

Special courses are offered for such students (see Description of Courses) and the above plan of study is appropriately modified to meet their needs.

HOUSING AND TOWN PLANNING

The plan of study may be modified in the Second year, by special arrangement, to permit students to adapt their social work training to the field of housing and town planning.

The degree requirements are:

1. Completion of the first year programme.
2. The equivalent of four additional "full courses".
3. Supervised practice.
4. A thesis or an additional "full course" to 2 above.

FEES

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees if, in the opinion of the Board of Governors, circumstances so require.

(a) FULL-TIME STUDENTS

Fees for the Session, *each year:*

University Fee (including Students' Society Fee of $15.00).. $500.00

(b) PART-TIME STUDENTS

Fee for one full course (two terms)..... $115.00
Fee for one half course (one term)..... 57.50
Student activities fee for part-time students taking less than three courses..... 5.00

A student working for the degree on a part-time basis will not pay more than a total of $1085.00 for the full two-year course, except when the thesis is not completed along with course and field work requirements.

Fees are due and payable at the Accounting Office immediately after registration.

When fees are paid by instalments, an instalment fee of $5.00 is charged. Special fees and penalties, and the regulations regarding payment and remission of fees, are listed in the General Information pamphlet included with this Announcement.

(c) OTHER FEES

A candidate for the Master's degree, who has completed his courses and his residence but has not completed his thesis, must pay a registration fee of $10.00 at the beginning of the session in which he intends to submit the thesis. Any student receiving thesis supervision from a member of the staff is considered to be in residence and must register for the session and pay a fee of $50.00.

Fees herein stated do not cover expenses such as carfare to and from field work, and small miscellaneous items such as materials for group work skills.

BURSARIES AND LOANS

A number of bursaries are available for the Session 1958-59.

Substantial financial assistance may be given under the Federal-Provincial Health Grants to students meeting certain specified conditions.

Similar assistance is also available through some Provincial Governments in Canada, and State Governments in the United States. Prospective students, other than those from the Province of Quebec, interested in obtaining such financial assistance, should make inquiry through their provincial or state government. Overseas students should inquire of their governments of the availability of United Nations and Colombo Plan study grants.

A limited number of bursaries, supported by private organizations, are available.

While awards are made only to students of attainment and promise, the financial needs of applicants will receive consideration. Inquiries should be addressed to the Director.

Loans are available from the Social Work Alumni and Southam Loan Funds, from the Pi Beta Phi Loan Fund established for the use of students in financing their training or in meeting temporary or emergency needs, and from a few private welfare organizations on arrangements made by the School.

DESCRIPTION OF COURSES

1a. SOCIAL CASE WORK I. First year (Half course). Principles and methods used in helping individuals and families meet personal and social needs through social agency resources. Significance of behaviour, evaluation of social data, process in interviewing, recording, and the professional relationship are considered. Illustrative case material and the field experience of class members will be used.

First term *Professor Stevenson*

1b. SOCIAL CASE WORK I. First year (Half course). A continuation of Course 1a above.

Second term *Professor Stevenson*

2. SOCIAL CASE WORK Ia. First year (Half course). A survey of principles and methods in social case work as a basic approach in social work. The relation of social case work to social group work. Case material is used.

For students not majoring in social case work.

Not given in 1958-59 session.

3. SOCIAL CASE WORK WITH CHILDREN. Second year (Half course). The case work process in care and protection of children. Special needs of children living with natural parents, in foster homes, and in group settings.

Not given in 1958-59 session.

4a. ADVANCED SOCIAL CASE WORK. Second year (Half Course). A discussion course in which emphasis is placed upon the application of psychiatric theory to case work practice.

Prerequisites: Courses 1a, 1b, 5a and 5b.

First term

Professor Freeman

4b. ADVANCED SOCIAL CASE WORK. Second year (Half course). A continuation of Course 4a above.

Second term

Professor Freeman

5a. HUMAN GROWTH AND BEHAVIOUR. First year (Full course). The course will approach human growth and behaviour chronologically from conception to old age. Development at each stage involves consideration of the physical, socio-cultural and psychological determinants of the growth process as interacting systems. These systems are seen as they create optimal as well as deviant adaptations of behaviour.

First term.

Professors Kirk, Ross and Tuck

5b. HUMAN GROWTH AND BEHAVIOUR. First year (Half course). A continuation of Course 5a above.

Second term

Professors Kirk, Ross and Tuck

6. PSYCHIATRIC INFORMATION II. Second year (Half course). A discussion of clinical cases focused on the dynamics of behaviour in the neuroses and in the organic and functional psychoses. Etiological factors, examination methods, and treatment procedures. The contribution of the various schools of psychiatric thought to social work. Class work supplemented by clinical observations.

First term

Professors Lehmann and MacLeod

7. SOCIAL GROUP WORK I. First year (Half course). A survey of principles and methods in group work as a basic approach in social work. Description and analysis of agencies and types of organizations in which group relations and group process are emphasized. The course includes the discussion of the relation of group work to other types of social work, particularly case work.

For students not majoring in group work.

Not given in 1958-59 session.

8a. SOCIAL GROUP WORK II. First year (Half course). A study of the theories and principles of group work practice. The nature of the social process in organized groups and its value to the individual; group experience at varying age levels; the use of play and other media in relation to the needs and adjustment of the individual; the role of the leader in group work. A discussion of group situations based on group records. An analysis of agencies and their programmes. The interrelation of group work and other fields of social work.

First term

Professor Gifford

8b. SOCIAL GROUP WORK II. First year (Half course). A continuation of Course 8a above.

Second term *Professor Gifford*

9. SOCIAL GROUP WORK IIa. First year (Half course). A course required in connection with Social Group Work II planned to develop skill and understanding in the use of programme activities designed to meet the needs of individuals and ability to direct such activities to socially desirable ends. Consideration will be given to the fundamentals of music, traditional games, folk dancing, arts and crafts, and their adaptation to groups of various ages and types.

First and second terms *Professor Gifford*

10a. SOCIAL GROUP WORK III. Second year (Half course). An advanced course dealing with organization and leadership of various types of groups and the relation of these groups to the agency and community. Analysis of group records; agency functions in relation to leadership for staff, volunteers, and community; administrative and advisory aspects of group work.

Prerequisites: Courses 8a, 8b, 9.

First term *Professor Gifford*

10b. SOCIAL GROUP WORK III. Second year (Half course). A continuation of Course 10a above.

Second term *Professor Gifford*

11. SOCIAL GROUP WORK IIIa. Second year (Half course). A continuation of Social Group Work IIa with additional emphasis on dramatics and music, and their use with groups of various ages and types.

First and second terms *Mr. Rotman*

12. COMMUNITY ORGANIZATION I. First year (Half course). A study of methods of community organization. The establishment of constructive relationships between social work organizations and other forces in the community. Discussions of relationships between public and private, local, provincial, and national social agencies. Organization and problems of councils of social agencies, financial federations, etc.

Second term *Professor Moore*

13. COMMUNITY ORGANIZATION II. Second year (Half course). An advanced course in problems and techniques of community organization.

Second term

14. ADMINISTRATION OF SOCIAL AGENCIES. Second year (Half course). The administrative process within the social agency; functions and interrelationships of board of directors, executive, and staff. Committees. Financial administration and budgeting; office management, etc.

Second term *Mr. Weiss*

15. GOVERNMENT AND SOCIAL WORK. First year (Half course). The Canadian nation; land, resources, population. Economic development. Political institutions and administrative structure. Distribution of welfare functions among national, provincial, and municipal authorities. Constitutional problems and remedies proposed. Public finance and taxation.

Not given in 1958-59 session.

16a. PUBLIC WELFARE I—THE SOCIAL SERVICES. First year (Half course). A survey course, designed primarily for First year students. Historical background of modern social services both public and private. Analysis of major social problems today, and of the services developed to meet them. Examination of policies in such areas as public assistance, social insurance, child welfare, correction, medical care, and other health services. Interrelationships between public and private social services. Administration framework in relationship to plans for social security.

First term

Professor Lightman

16b. PUBLIC WELFARE I—THE SOCIAL SERVICES. First year (Half course). A continuation of Course 16a above.

Second term

Professor Lightman

17. PUBLIC WELFARE II(a)—CHILD WELFARE. Second year (Half course). Historical development of child welfare services in England, United States, and Canada. Interrelationships between public and private services. Examination of existing child welfare legislation with particular reference to the care of neglected and dependent children. Problems of organization and administration.

First term

Professor Griffiths

18. PUBLIC WELFARE II(b)—SOCIAL INSURANCE. Second year (Half course). Historical background and development. Examination of social insurance systems today. Problems of administration. Relationship to public assistance and social agencies. Problems of integration with public assistance programme.

Not given in 1958-59 session.

19. PUBLIC WELFARE II(c)—PUBLIC ASSISTANCE. Second year (Half course). Examination of essentials in a modern public assistance programme. Categorical aid. Relationship to health services and to private social agencies. Problems of organization and administration. Problems of integration with social insurance.

Second term

20. PUBLIC WELFARE II(d)—PUBLIC WELFARE ORGANIZATION AND ADMINISTRATION. Second year (Half course). Examination of principles of public administration in a public welfare setting. Structure of major Canadian public welfare organizations. Problems of reorganization. Administrative process.

Not given in 1958-59 session.

22. MEDICAL INFORMATION II. First or Second year (Half course). Further consideration of the rehabilitation problems of adults and children in relation to selected disease entities.

Second term *Dr. Brabander, Professor Tuck, and medical lecturers*

23a. MEDICAL SOCIAL WORK. Second year (Half course). A course designed to meet the needs of Second year students who wish to specialize in medical social case work.

This term is devoted to a consideration of the practice of social case work in the medical setting.

First term *Professor Tuck*

23b. MEDICAL SOCIAL WORK. Second year (Half course). A continuation of Course 23a above.

This term is devoted to a consideration of the organization of hospital social service departments; social implications of various administrative services within the hospital; participation of the medical social worker in medical and nursing education; function of the medical social worker in extramural programmes for health and medical care; growth and development of medical social work.

Second term *Professor Tuck*

24. NUTRITION AND COST OF LIVING. Second year (Half course). Elements of nutrition. Essentials of an adequate diet with special reference to the properties of the commoner food materials and their cost. Some consideration of cost of living standards at the health and decency level.

Not given in 1958-59 session.

25. LEGAL ASPECTS OF SOCIAL WORK. Second year (Half course). The essential principles of law and their relation to problems encountered by social workers in the performance of their duties.

Not given in 1958-59 session.

26. PUBLIC RELATIONS. Second year (Half course). A study of the interpretation of social work to the public. Publicity, methods and media. The role of the volunteer. Students participate in preparation of material for newspaper publication, radio, reports, etc.

First term

27. HISTORY OF SOCIAL WORK. Second year (Half course). Social work seen in perspective through a study of charity, law, the industrial revolution, and subsequent nineteenth century social movements. Persons and processes active in the antecedents, origins, and development of social work are observed in relation to the social history and thought of their respective periods.

Professor Moore

28. SOCIAL RESEARCH METHODS I. First year (Half course). An introduction to the fundamental principles of research in the field of social work and allied social investigation.

Second term

Professor Younge

29. SOCIAL RESEARCH METHODS II. Second year (Half course). Elementary statistical methods as applied to social problems. The assembly of materials, selected statistical techniques, and presentation of descriptive tables and simple graphs. The interpretation of census and other official statistics relating to family living, vital statistics, and dependency problems in Canada.

First term

Professor Younge

29a. SOCIAL RESEARCH METHODS III. Second year (Half course). Critical analysis of current social work research; emphasis on methodological problems; students' presentations and discussion will be used.

Prerequisite: Course 28.

For students who elect not to write a thesis.

First term

Professor Younge

29b. SOCIAL RESEARCH METHODS IV. Second year (Half course). Completion of a report by Second year students on a topic selected during the first term in one of the current courses; tutorial assistance by staff members with some group discussion.

Prerequisites: Courses 28 and 29a.

For students who elect not to write a thesis.

Second term

Members of the Staff

30. RESEARCH SEMINAR. Second year (Full course). Individual and group conferences dealing with student theses.

For students who elect to write a thesis.

First and second terms *Professor Younge and Thesis Advisers*

31. SEMINAR IN SOCIAL WORK. Second year (Half course). A discussion course presenting typical problems encountered in various fields of social work.

To be arranged.

Members of the Staff

32. INTRODUCTION TO SUPERVISION (Half course). A discussion of basic concepts implicit in supervision as an administrative and teaching process. Open to students who are having or who have had experience as supervisors.

Professor Freeman

33. SEMINAR IN SUPERVISION (Half course). An advanced course. Supervised practice may be arranged concurrently.
Prerequisite: Course 32 or substantial supervisory experience.
Professor Freeman

34. INTERNATIONAL WELFARE AND COMPARATIVE SOCIAL LEGISLATION (Half course). A course designed particularly for students from countries other than Canada and the United States, covering the role and scope of international welfare organization and practice, and welfare legislation, in selected geo-social areas, and principles and practices applicable to the development and implementation of welfare legislation.
Professor Lightman

35. INTERNATIONAL SEMINAR IN SOCIAL WORK (Half course). A discussion course designed particularly for students from countries other than Canada and the United States, and based upon intensive study of and reports on selected countries; with particular emphasis on identifying major social problems, understanding the social forces bearing on these problems, and considering appropriate professional approaches to aid in their solution.
Professor Lightman

36. ADVANCED INTERNATIONAL SEMINAR IN SOCIAL WORK (Half course). An extension of Course 35.
Professor Lightman

FACULTY OF GRADUATE STUDIES AND RESEARCH

Related courses in the Faculty of Graduate Studies and Research may be used, with permission, to meet the special interests of students possessing the necessary prerequisites.

EXTENSION COURSES

1958-59

B99. ADVANCED COUNSELLING (Half course). A seminar course with emphasis on marriage problems. Theoretical presentations related to students' case material. Emphasis on furthering skill in the marital diagnostic process, and on differential use of treatment methods as well as the role of the psychiatric consultant.
Prerequisites: M.S.W. degree and three to five years experience in a setting of recognized standards.
Professor Freeman and Clinicians

Other extension courses will be offered at times convenient to employed persons.

Special announcements will be made from time to time through the Department of University Extension or the School.

McGill University



Montreal

School of Physical and Occupational Therapy

Davis House

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture and School of Household Science)
Institute of Education
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. For limited distribution.)

The Calendar (available for distribution only to libraries and officials of certain institutions.)

School of Physical and Occupational Therapy

The School of Physical and Occupational Therapy is under the administrative jurisdiction of the Faculty of Medicine.

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, Ph.D., D.Sc., D. de L'U., D.C.L., LL.D., F.R.S.C. *Principal*

David L. Thomson, M.A., Ph.D., LL.D., F.C.I.C., F.R.S.C. *Vice-Principal*

Lloyd G. Stevenson, M.D., Ph.D. *Dean of the Faculty of Medicine*

Guy H. Fisk, B.A., M.D., C.M., D.T.M. & H. (Eng.) *Director and Associate Professor*

Helen M. Gault, B.Sc. (P. & O.T.), T.M.M.G., T.M.E. (Eng.) *Assistant Professor*

John H. Holton, B.Com. *Secretary of the Board of Governors*

Colin M. McDougall, D.S.O., B.A. *Registrar*

A complete list of the teaching staff of the University, including the School of Physical and Occupational Therapy, is printed as a separate Announcement, which may be obtained from the Registrar's Office.

SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY OFFICE

DAVIS HOUSE

3654 Drummond Street,

Montreal 2

Telephone — VI 9-9181

GENERAL INFORMATION

The aim of the course in Physical and Occupational Therapy is to provide a supply of adequately trained graduates who will be qualified to work as physical and occupational therapists in hospitals, institutions, and private homes.

Physical Therapy is the use of heat, light, water, electricity, and mechanical agents, including massage and remedial gymnastics, in the treatment of injury and disease. Occupational Therapy is the specific application of activities in the treatment of injury or disease. The media used include arts, crafts, recreation, prevocational and rehabilitation training. Physical and occupational therapists are trained in the use of these healing agents under the direction of a physician, such treatments being prescribed by the physician and carried out according to prescription. There is a steadily growing demand for qualified physical and occupational therapists in both civilian life and the armed services. In the armed forces physical and occupational therapy sisters are given the same rank and commission as nurses. In civilian life they work in hospitals, industries, clinics, and in private homes, under the direction of doctors.

DEGREE COURSE - B.Sc. (PHYSICAL AND OCCUPATIONAL THERAPY)

The full curriculum consists of five academic years at the University. During these years the student will take an organized course in pure science together with professional training in Physical Therapy and Occupational Therapy. Throughout the course ample provision has been made for practical hospital instruction, in addition to the University training. This hospital training is carried out at the Montreal Children's Hospital, the Montreal General Hospital, the Royal Victoria Hospital, the Verdun Protestant Hospital, the Queen Mary Veterans' Hospital, and the Royal Edward Laurentian Hospital.

The degree student will take Anatomy as one continuation subject and at the beginning of the Fourth year will choose between Physiology or Psychology, as the second continuation subject.

Upon satisfactory completion of the entire course, a Degree will be granted by the University. The Degree offered is Bachelor of Science (Physical and Occupational Therapy), B.Sc.(P.&O.T.)

DIPLOMA COURSE IN PHYSICAL THERAPY

Students will take the same First and Second years as the Degree Course students. The Third year students will take:

ANATOMY P. 2
ELECTROTHERAPY 2 and 3
CLINICAL THERAPY 2
PHYSICAL THERAPY 2 and 3A
Hospital practice 346 hours
PHYSIOLOGY 22

DIPLOMA COURSE IN OCCUPATIONAL THERAPY

Students will take the same First and Second years as the Degree Course students. The Third year students will take:

ANATOMY P. 2
CLINICAL THERAPY 2
PHYSICAL THERAPY 3A (half course)
OCCUPATIONAL THERAPY 2A, 2B, 3A, and 4B, 4CII
Hospital practice 346 hours
PHYSIOLOGY 22

POSTGRADUATE TRAINING

A two-year period of postgraduate study is available in either Physical or Occupational Therapy to meet the teaching requirements of the Associations.

ADMISSION

Women students only are admitted to the course.

ACADEMIC REQUIREMENTS

For admission to the First year

Junior Matriculation in the subjects required for admission to the B.Sc. course in the Faculty of Arts and Science with an average of at least 70%.

For admission to the Second year

Senior Matriculation or one year of college work with satisfactory standing in English Literature, English Composition, Mathematics (Algebra and Trigonometry), Physics, Chemistry, and Biology.

Candidates should address all applications to:

Professor Guy H. Fisk,
Director, McGill School of Physical and
Occupational Therapy,
3654 Drummond St.
Montreal 2.

The intending student should state on the application form for which year she is applying.

PHYSICAL REQUIREMENTS

Candidates, in order to qualify for admission, must pass satisfactorily a complete physical examination.

REGISTRATION

Registration will take place for the—

1st year, Thursday, September 11th;
2nd year, Monday, September 22nd;
3rd year, Monday, September 8th;
4th year, Monday, September 8th;
5th year, Monday, September 8th.

FEES

Since this Announcement was printed, the University has found it necessary to institute the following fee increase:

Physical and Occupational Therapy—University fee.....$500.00

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the following paragraph:

Immediately after the prescribed dates for the payment of fees the Chief Accountant will send to the Director of the School a list of the registered students who have not paid their fees. The Director will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

Supplemental examination fees are $10.00 for each paper.

Penalty for late payment of fees.....$2.00

Late registration fee.....$5.00

PRIZES

The Lieutenant Governor's Gold Medal is awarded to the student with the highest standing throughout the degree course.

The Canadian Physiotherapy Association presents a Book Prize annually to the student with the highest standing in the Final year of the degree course.

The Quebec Society of Occupational Therapy Book Prize is awarded annually to the student with the highest standing in practical application of Occupational Therapy in the Third year of the Diploma course.

The Dr. F. G. Finley Book Prize is presented annually to the student with the highest standing in the Third year of the Physical Therapy Diploma course.

SCHOLARSHIPS ANNOUNCEMENT

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

EXAMINATIONS

The pass mark in any course is 50%.

At the conclusion of each course examinations will be held and the student graded as follows:

1st class	—	80 - 100
2nd class	—	65 - 79
3rd class	—	50 - 64
Failure	—	Below 50

In reporting the grading, the names of those students who obtain First Class standing will be arranged in order of merit. In all other grades the arrangement will be alphabetical.

The quality of the English used by a candidate will be taken into account in all examinations.

All results of the examination will be released by the Director's Office after due consideration by the Faculty. No examination results will be communicated by any other channel.

A student who fails in one subject will be required to pass a supplemental examination during the following September. Written application to write a supplemental examination must be received at the Director's Office by August 15th. A fee of $10.00 for each supplemental paper is payable to the Accounting Office as soon as the application has been approved. No supplemental examination may be written more than twice.

All conditions must be removed by May in the following session. If a student fails at this time she will not be permitted to proceed further in the course.

A student who fails in more than one full course, may at the discretion of the Committee of the School of Physical and Occupational Therapy, with the concurrence of the Promotion Committee of the Faculty of Medicine, be required to withdraw from the School.

A student who has been permitted to repeat a year is required to make at least a Third Class standing. If this standing is not attained the student will not be permitted to continue the course.

No year may be repeated more than once, nor may a student repeat a subsequent year. By special recommendation of the Committee of the School of Physical and Occupational Therapy, with the concurrence of the Promotion Committee of the Faculty of Medicine, a student may be permitted to carry one condition. If the student fails to remove this condition by the end of the session she will revert to the previous year.

A student, who for reasons of illness or family affliction, has been unable to write one or more sessional examinations, may receive permission to write September supplementals in their stead. Application to do so must be made to the Director before August 15th, but no fee will be charged.

The Faculty reserves the right to require the withdrawal of any student at any time if in the opinion of her instructors she is incompetent.

LICENCE TO PRACTISE

Certain provinces of the Dominion of Canada and states of the United States of America require that those intending to practise physiotherapy within their borders comply with special provincial or state licensing requirements. Intending students should therefore consult with the province or state authorities before registering.

In Canada, further details can be obtained from the Canadian Physiotherapy Association, 8 Bedford Road, Toronto 5, Ontario.

In the United States, communicate with the American Physical Therapy Association, 1790 Broadway, New York 19, N.Y.

The School of Physical and Occupational Therapy, McGill University, is registered with the University of the State of New York.

ASSOCIATION MEMBERSHIP

The Canadian Physiotherapy Association and the Canadian Association of Occupational Therapy have special postgraduate interning requirements for Diploma students.

In order to join the Canadian Physiotherapy Association graduates are required to do four months' postgraduate interning.

In order to join the Canadian Association of Occupational Therapy graduates are required to do six months' postgraduate interning.

COURSES OF INSTRUCTION

FIRST YEAR

ENGLISH 100.—LITERATURE (Fac. Arts and Sci.) (Full course).

3 hours of lectures and conferences.

ENGLISH 100C.—ELEMENTARY COMPOSITION (Fac. Arts and Sci.)

1 hour weekly throughout the session.

MATHEMATICS 111—TRIGONOMETRY, ALGEBRA, ANALYTICAL GEOMETRY (Fac. Arts and Sci.) (Full Course).

PLANE TRIGONOMETRY. Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformation of sums and products, logarithmic solution of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

ALGEBRA. Variation, progressions, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

ANALYTICAL GEOMETRY. The analytic geometry of the straight line and circle.

3 hours.

PHYSICS 11.—GENERAL COURSE (Fac. Arts and Sci.) (Full course). A general course covering the elementary portions of mechanics, sound, heat, magnetism, electricity, light, and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work, and numerical examples.

3 hours. Laboratory (11L): 2 hours.

CHEMISTRY 11.—GENERAL CHEMISTRY (Fac. Arts and Sci.) (Full course). General survey of chemical theory and of inorganic chemistry, including atomic and kinetic theories, equivalent, atomic and molecular weights, gases, liquids, solids, solutions, ionization, oxidation and reduction, velocities of reactions, chemical equilibrium, heats of reaction, electromotive series, periodic table, preparation and properties of important elements and compounds.

3 hours lectures, and 3 hours laboratory.

BIOLOGY 100.—THE HIGHER PLANTS AND ANIMALS (Full course). An introductory course in Biology, covering the higher plants and animals. The course is given in two sections. Section X considers the plants in the

first term and the animals in the second term. Section Y considers the animals in the first term and the plants in the second term.

2 hours lectures and 3 hours laboratory.

SECOND YEAR

CHEMISTRY 22.—ORGANIC CHEMISTRY (ELEMENTARY, WITHOUT LABORATORY) (Fac. Arts and Sci.) (Full course). Special characteristics of carbon and its compounds; the principles of functionality, homology, and isomerism; nomenclature, occurrence, preparation, physical and chemical properties, and uses of the more important organic compounds.

2 hours, one tutorial.

ANATOMY P. 1.—THE ANATOMY OF THE AXIAL SKELETON AND OF THE UPPER AND LOWER EXTREMITY (Fac. Medicine). A course designed to familiarize the student with the basic framework of the head, neck, and trunk, and the detailed anatomy of the arm and leg.

3 hours lecture, and 2 hours laboratory. *Professor C. P. Leblond and Staff*

PSYCHOLOGY 21.—Introduction to Psychology (Full course). A biologically oriented outline of the modern approach to psychology.

2 hours and 1 weekly conference. *Professor Hebb and Staff*

CLINICAL THERAPEUTICS 1. Elementary consideration of disease processes commonly seen in patients treated by physical and occupational therapists.

1 hour lecture. *Professor Fisk*

PSYCHIATRY 1. A course in psychiatry, with introductory lectures in normal psychology as a basis for the study of psychiatric disorders treated by physical and occupational therapists.

1 hour lecture. *Dr. H. A. Bowes*

PHYSICAL THERAPY 1.

A. A course covering the requirements of students in Physical and Occupational Therapy in body mechanics, kinesology and remedial gymnastics and their application to the more common disabilities.

2 hours lecture, and 3 hours laboratory. *Miss J. Ward, Mrs. P. Pearce*

B. A course of massage and the application to medical and surgical conditions.

4 hours laboratory. *Mrs. P. Pearce*

C. A theoretical and practical course in the treatment, where applicable, by physical means, of diseases of the respiratory, cardio-vascular, abdominal, and skeletal systems. This course is correlated with the lectures in clinical therapy and occupational therapy.

2 hours lectures, and 3 hours laboratory. *Mrs. Gault*

ELECTROTHERAPY 1. A theoretical and practical course in the physical principles and the details of technique of direct and low frequency currents for therapeutic purposes.

1 hour lecture, and 1 hour laboratory. *Miss E. P. Aston*

OCCUPATIONAL THERAPY 1.

The history, development and scope of occupational therapy. A study of the basic principles of occupational therapy applied to fields of psychiatry and paediatrics.

1 hour lecture. *Miss R. Atkins*

An introduction to the basic principles of occupational therapy used in the treatment of physical disabilities.

1 hour lecture. *Miss J. Sheppard*

Leatherwork, puppetry, copper tooling and glovemaking.

A study of miscellaneous media having a wide therapeutic application.

Recreation—a study of individual, group and remedial games.

1 hour lecture and 4 hours laboratory.

Miss E. N. Dunkin, Miss J. Sheppard, and Miss R. Atkins

HOSPITAL PRACTICE—112 hours.

THIRD YEAR

ANATOMY 2.—SYSTEMATIC ANATOMY. P. 2. Lectures and demonstrations designed to provide a knowledge of the anatomical structure of the vital organs by systems.

2 hours lectures, and 2 hours laboratory.

Professor C. P. Leblond and Staff

PHYSIOLOGY 22.—ELEMENTARY PHYSIOLOGY (Fac. Arts and Sci.) (Full course). For Second and Third years Arts and Science students. An account of general physiological principles, combined with an introduction to basic techniques, intended primarily for students who will specialize in one of the biological sciences.

2 hours lectures, and 3 hours laboratory.

CLINICAL THERAPEUTICS 2. A detailed consideration of the diseases and injuries requiring treatment with physical and occupational therapy. The application of treatment to specific symptoms will be dealt with in detail. Specialists in various branches of medicine and surgery will give lectures.

2 hours lectures. *Professor Fisk and Staff*

PHYSICAL THERAPY 2. A practical and theoretical course including massage and remedial exercises, hydrotherapy, progressive resistance and suspension exercises, for medical and surgical conditions, from early treatment to rehabilitation.

116 hours. *Miss E. P. Aston, Miss J. Ward, Mrs. P. Pearce*

ELECTROTHERAPY 2. A course in theory and application of ultra-violet radiations and diathermy (high frequency) apparatus.

1 hour lecture, and 2 hours laboratory. *Mrs. Gault*

OCCUPATIONAL THERAPY 2.

A. A study of the principles of occupational therapy used in the treatment of physical disabilities with emphasis on the adaptation of equipment for medical and surgical conditions.

1 hour lecture. *Miss J. Sheppard*

B. A course in occupational therapeutic techniques and their application to specific disabilities.

Woodwork, metalwork, weaving, needlework, rugwork and cordwork. Activities of daily living.

130 hours. *Miss E. N. Dunkin, Miss R. Atkins, Miss J. Sheppard*

HOSPITAL PRACTICE—424 hours.

FOURTH YEAR (DEGREE COURSE)

BIOCHEMISTRY 31.—GENERAL PHYSIOLOGICAL CHEMISTRY (Fac. Arts and Sci.) (Full course). A general survey of the chemistry of carbohydrates, fats, steroids, and proteins, their transformations in the body, and the composition of the body in health and disease.

ANATOMY 3.—P. 3. Arm and Leg.

2 hours lectures, 4 hours laboratory.

Professor C. P. Martin and Staff

PSYCHOLOGY 34A.—DYNAMICS OF BEHAVIOUR (Half course). Facts and theories of emotion and motivation.

First term: 2 hours and one weekly conference. *Professor Bindra*

34b. THEORY OF PERSONALITY (Half course). Consideration of current theories of personality, normal and abnormal.

Second term: 2 hours and one weekly conference. *Professor Bindra*

BACTERIOLOGY 4.—ELEMENTARY BACTERIOLOGY (Fac. Arts and Sci.) (Full course).

2 lectures per week, and 2 laboratory periods. *Dr. R. Reed*

SOCIOLOGY 21Z.—INTRODUCTION TO SOCIOLOGY (Full course).

3 hours.

PHYSICAL THERAPY 3.

A. A course in the theory and practical treatment by physical and occupational therapy of neurological diseases.

2 hours lectures. *Members of the Staff*

B. Discussion of the latest comparative methods of treatment by physical means.

2 hours per week. *Mrs. Gault*

OCCUPATIONAL THERAPY 3.

A. A course in therapeutic techniques and their application to specific disabilities.

Pottery.

Art—instruction in the use of water colours, and oil paints.

2 hours per week.

B. Bookbinding and book repair. Leather carving.

2 hours per week.

Miss E. N. Dunkin, Miss J. Sheppard, and Miss R. Atkins

HOSPITAL PRACTICE—240 hours.

FIFTH YEAR (DEGREE COURSE)

PHYSIOLOGY 31.—INTERMEDIATE PHYSIOLOGY (One and one half courses). A more detailed survey of the subject, with special emphasis on the physiology of man.

3 hours lectures, 3 hours laboratory and seminar.

PSYCHOLOGY 33. DEVELOPMENT PSYCHOLOGY. Third Year (Full course). The development of human behaviour from early prenatal stages to adolescence, with attention particularly to motor behaviour, language, intelligence, emotion, personality and social behaviour.

Professor Rabinovitch

3 hours.

EDUCATION 301. General Principles of Education.

3 hours.

ELECTIVE COURSE—Students will select one of the following continuation subjects:

Histology
Genetics 21
Sociology 310A and 310B

CLINICAL THERAPY. Review of the more important conditions treated by physical and occupational therapy.

Professor Fisk

1 hour.

PHYSICAL THERAPY 4. An advanced course of clinical teaching of conditions where physical therapy and electrotherapy are applicable.

Mrs. Gault and Miss E. P. Aston

2 hours per week.

OCCUPATIONAL THERAPY 4.

A. A study of rehabilitation with emphasis on job analysis, work testing, and pre-vocational assessment.

Miss E. N. Dunkin

1 hour per week.

B. A course in departmental management, records, and bookkeeping.

Miss E. N. Dunkin

6 hours.

C. A course in special techniques and their adaptations.

I. Plastics—construction of self-help equipment.
II. Cane, reed, and raffia work.

Miss J. Sheppard and Miss R. Atkins

40 hours.

HOSPITAL PRACTICE—500 hours.

McGill University

Montreal

Department of University Extension

Evening Courses 1958-1959

PSYCHOLOGY 32. DEVELOPMENTAL PSYCHOLOGY. Third Year (Full course).
The development of human behaviour from early prenatal stages to adolescence, with attention particularly to motor behaviour, language, intelligence, emotion, personality and social behaviour.
Professor Rabinovitch
3 hours.

EDUCATION 301. General Principles of Education.
3 hours.

ELECTIVE COURSE.—Students will select one of the following continuation subjects:

Histology
Genetics 21
Sociology 310A and 310B

CLINICAL THERAPY. Review of the more important conditions treated by physical and occupational therapy.
Professor Fish
1 hour.

PHYSICAL THERAPY 4. An advanced course of clinical teaching of conditions where physical therapy and electrotherapy are applicable.
Mrs. Gault and Miss E. P. Adam
2 hours per week.

OCCUPATIONAL THERAPY 4.

A. A study of rehabilitation with emphasis on job analysis, work testing, and pre-vocational assessment.
Miss E. N. Dunbar
1 hour per week.

B. A course in departmental management, records, and bookkeeping.
Miss E. N. Dunbar
6 hours.

C. A course in special techniques and their adaptations.
I. Plastics—construction of self-help equipment.
II. Cane, reed, and raffia work.
Mrs. J. Sheppard and Miss R. Atkins
40 hours.

CLINICAL PRACTICE—500 hours.

McGill University

Montreal

Department of University Extension

Evening Courses 1958-1959

McGill University

Montreal

Department of University Extension

Evening Courses 1958-1959

FOREWORD

The McGill Department of University Extension has become a university within a university. In 1950, 4,200 students registered; in 1957 there were nearly 7,500, an increase of 79 percent. In 1950 there were 126 courses; in 1957, 176, an increase of about 40 percent. While the majority of the evening students are men, the percentage of women students is increasing each year. Each year, also, the number of French-speaking students increases.

The age distribution of evening-course students runs all the way from 17 to 70 years, and, while some who come have not had the advantages of a high school education, 95 percent have at least high school graduation and 42 percent are university graduates.

Many people suppose that our evening students all live quite near the University. This is far from being the case. All parts of greater Montreal are represented in our classes as are also many communities off the Island. Beauharnois, Valleyfield, Sherbrooke, Sorel, Three Rivers and Ste. Thérèse are names not infrequently found on our registration cards. Years ago, when we discovered that some students were commuting from Ottawa, we set up courses there and these have been offered, at Carleton University, ever since. This year it will be noted that courses to be offered at Macdonald College are listed in this announcement. Evening courses have been available at Macdonald for some time, but, with the increasing movement of population westward, we shall now offer a greater variety of courses on the Macdonald campus for the convenience of those who live nearer to Ste. Anne de Bellevue than to Montreal.

It is the aim of the Extension Department to provide for the continuing educational needs of the Montreal community. We welcome you to our classes and we appreciate your suggestions for improving our offerings. We hope that in this year's program you will find what you need.

F. S. Howes, Ph.D., P.Eng.,
Director of University Extension.

INDEX

	Page
Accountancy diploma courses	3932
Accounting: machine	3952
management approach	3946
Administrative practices	3947
Administrative procedures	3951
Algebra and geometry	3913
Anthropology	3911
Art	3909
Automatic Process Control	3917
Book Store, McGill University	3908
Building a home	3964
Business: administration	3945
policy	3948
statistics	3950
psychology	3950
Business, small: organization	3953
Calculus	3914
Cancellation of courses	3908
Chemical engineering: advanced	3922
Community Service Courses	3954
Corporation finance	3949
Current events	3911
Economics	3939, 3947, 3948
Electric machines	3920
Electronic data processing	3952
Electronics: transistor	3918
Engineering courses	3913, 3917
English composition and business writing	3924
for non-English	3959
English courses for the non-English	3954
English literature	3910
Examinations: accountancy courses	3935
management and business administration	3945
other courses	3908
Extension office	3909
Fees	3907

PAGE

Forestry 3913
French language 3925
German language 3927
Holidays 3909
Income tax, Canadian 3952
Industrial instrumentation 3962
Industrial legislation 3939
Industrial management 3940
Industrial noise reduction 3918
Industrial organization 3940
Industrial production 3948
Industrial psychology 3950
Industrial relations 3950
Illumination: fundamentals 3915
Insurance 3953
Interior decoration 3965
Investing in securities 3961
Investment analysis 3954
Italian language 3928
Law: for the layman 3911
  commercial 3940
  labour 3939
Library, University 3908
Macdonald College Extension Courses 3966
Management and Business Administration Diploma 3945
Marketing 3949, 3951
Material handling 3961
Mathematics 3913, 3914, 3916, 3919, 3938
Mechanics 3914
Metallurgy: behaviour of metals 3916
Microwave theory 3918
Money and banking 3948
Music 3910
Nuclear reactors 3921
Numerical analysis 3919
Nursery school teaching 3932

	Page
Nursing courses	3931
Operations research	3953
Ottawa courses	3920
Packaging materials and processes	3963
Parking	3909
Personnel administration	3951
Personnel relations	3950
Pharmacy, modern	3961
Plastic design of structures	3915
Power system analysis	3920
Process heat transfer	3922
Psychology	3912, 3950
Public relations	3963
Public speaking	3960
Quality control	3916
Radioactive isotopes	3931
Rapid reading	3960
Real estate	3965
Refunds	3907
Registration: accountancy students	3933
other students	3907
Retail management	3952
Rubber technology	3964
Russian language	3929
Sales management	3949
Sales organization	3951
Spanish language	3929
Strength of materials	3914
Structural theory	3917
Supervisory training	3962
Surveying	3915
Technical writing	3963
Text books	3908
Time study	3916
Translation: English-French and vice versa	3922
Winter recess, accountancy	3933

GENERAL INFORMATION

MACDONALD COLLEGE EXTENSION COURSES. See page 3966.

McGILL UNIVERSITY EXTENSION COURSES:

REGISTRATION.—You may register by mail, starting September 2nd.

Please use the enclosed card, fill in all four sections, and mail it, with your cheque or money order (payable to McGill University), to the Extension Office.

ALL of the information asked for on the card—your address, telephone numbers, employer, educational background, etc.—is important to us in conducting the program and in planning for future courses. If we do not have your telephone number, we cannot notify you of the cancellation of a lecture. We would appreciate your cooperation.

Although registration by mail is advisable, students may register at the University during the day or evening, as follows:

Accountancy Students.—See page 3933.

Other Students.—

Day Registration: *Third Floor*, Dawson Hall (East Wing, Arts Building), 9 a.m. to 4 p.m., Monday to Friday inclusive, September 8th to October 20th.

Evening Registration: *Ground Floor* (Registrar's Office), Dawson Hall, 6 to 8:30 p.m., Mondays and Wednesdays only, September 15th to October 8th.

First term registration closes October 27th for language classes, and November 3rd for all others. Second term registration closes February 4th.

LIMITED CLASSES.—In some of the courses as, for example, language classes, in which the progress of the student is dependent on his participation and the individual attention of the instructor, the size of the class is limited. In such cases, enrolment is on a "first come, first served" basis. It is advisable, therefore, to register early.

FEES.—The fee as indicated for each course is payable in advance, at time of registration. If, after the first lecture, you find that the course seems unlikely to meet your needs, a refund of the whole fee may be obtained by presenting your Student card at the Extension office between the hours

of 9 a.m. and 4 p.m. *No refunds will be made after the date of the second lecture in the course.* If refund by mail is desired, the Student card must reach the Extension office *before the second lecture* and three weeks be allowed by the student for receipt of refund cheque.

CANCELLATION OF COURSES.—The student fee charged for these evening courses is essentially what it costs to put them on, assuming a certain minimum registration. If the registration in a course is less than the required minimum, the Committee reserves the right to cancel the course and refund fees.

If you are particularly anxious to take a course, may we suggest that you seek to interest your friends in it in order to ensure that at least this minimum registration is obtained.

EXAMINATIONS.—An examination, optional to students, will be available in the majority of courses. A certificate will be supplied to successful candidates. The pass mark is 50 per cent unless otherwise indicated.

All supplemental examinations will be held during the last week in August. Written application should be made, not later than August 1st, to the Extension Department for all supplemental examinations with the exception of Accountancy; for Accountancy supplementals, see page 3936. The fee is $10 for each supplemental examination and must accompany application.

NOTICES.—In the Arts Building, the Engineering Building and the Physical Sciences Centre there are Extension notice boards. It is to your advantage to consult these each evening for changes, particulars of examinations etc.

TEXT BOOKS.—All required text books and some of the suggested reference texts may be purchased at The McGill University Book Store, which is open Monday to Friday, from 8:30 a.m. to 5 p.m., and on Saturday from 9 a.m. to noon.

From September 22nd to October 23rd inclusive, text books will be available *only* at the branch of the Book Store located in the Arts Building basement; this branch store will be open, *Monday to Thursday, from 8:30 a.m. to 8.15 p.m.*

After October 23rd, the text books will be available only in the main store at 3416 McTavish Street.

UNIVERSITY LIBRARY.—On payment at the Redpath Library of a fee of $5.00, which is not refundable, an Extension student may use the Redpath Library from October 1st to May 1st of the following year, irrespective of whether the course in which the student is registered runs for one term or both terms.

THANKSGIVING HOLIDAY.—No classes will be held on Monday, October 13th.

CHRISTMAS HOLIDAYS.—The last lecture before Christmas will be on Thursday December 18th. The first lecture in 1959, in continuing courses, will be on Monday, January 5th.

For new courses beginning in January, ask in December for special announcement.

EXTENSION OFFICE.—The Extension Office is located in Room 450, Dawson Hall (East Wing of Arts Building).

PARKING.—Prospective students should note that no student parking is permitted on the Campus in the evening.

TELEPHONE—VI. 9-9181, Local 304 (before 5 p.m.)

SECTION A

NON-TECHNICAL COURSES

DRAWING AND PAINTING, ELEMENTARY (non-professional). Professor Guy Viau, Department of Fine Arts. Fee $25.00 per term of 10 periods of 2 hours. Classes limited. Studio: 3450 Drummond Street.

Neither talent nor previous experience is required for these classes which are intended for adults. Experience will be acquired in drawing and painting from life and still life. The course is not one of formal instruction; therefore each person is encouraged to approach the artistic problem with the degree of insight he has and develop this as far as he is able. All materials are supplied except brushes.

A1. First term, Mondays, 8 p.m., beginning October 6th.

A3. Second term, Mondays, 8 p.m., beginning January 19th.

DRAWING AND PAINTING, INTERMEDIATE (non-professional). Professor Guy Viau. Fee $25.00 per term of 10 periods of two hours. Classes limited. Studio: 3450 Drummond St.

This course is similar to the elementary course and is a continuation of it. Applicants must have had some introductory non-professional instruction, at McGill or elsewhere. All materials will be supplied with the exception of brushes.

A2. First term, Thursdays, 8 p.m., beginning October 9th.

A4. Second term, Thursdays, 8 p.m., beginning January 22nd.

A5. HISTORY AND APPRECIATION OF ART I. Professor Winthrop O. Judkins, Department of Fine Arts. 10 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 9th. Arts Building. Fee $15.00.

The first half of this course is designed to train and develop an understanding of the work of art as a visual medium of expression. This is followed by an analysis and discussion of the principal epochs in the history of Oriental painting and in the painting of the West up through the Medieval period. Slides and other illustrative materials will be used throughout the course.

A6. HISTORY AND APPRECIATION OF ART II. Professor Winthrop O. Judkins. 10 lectures of 1½ hours, Thursdays at 8 p.m., beginning January 22nd. Arts Building. Fee $15.00.

In this second half of the course, the study of the development of art history is continued from the rise of the Renaissance to the beginning of Modern art. *Enrollment in this course is limited to those who have taken History and Appreciation of Art I.*

Note.—A course on Modern art will be offered by Professor Judkins in the 1959-60 session. *Prerequisite:* Course A6.

A7. MUSIC IN THE 20TH CENTURY. Dr. Kelsey Jones, Faculty of Music. 10 lectures 1½ hours. Thursdays at 8 p.m., beginning October 9th. Conservatorium of Music, 3450 Drummond Street. Fee $15.00.

After a brief summary of the development of musical style from the 9th century, this course will deal with the music of such composers as Stravinsky, Hindemith, Schoenberg, Webern etc. Included will be a study of modern techniques, and of the influence of jazz on contemporary writing.

A9. INTRODUCTION TO ENGLISH LITERATURE I. Mr. Hugh Sproule, Department of English. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 7th. Arts Building. Fee $15.00.

This course is designed to acquaint the student with the historical development and social backgrounds of English literature. Selections from the major authors will be read and discussed in class. The work in the first term will trace the development of English literature from its beginnings to the end of the 17th Century.

A10. INTRODUCTION TO ENGLISH LITERATURE II. Mr. Hugh Sproule, 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning January 20th. Arts Building.

In this series the development of English literature from the 18th Century to the present day will be considered, with special emphasis on the contemporary period.

LAW FOR THE LAYMAN. These courses are intended to cover in a very general and non-technical manner various legal problems which the ordinary citizen is apt to meet. The lecturer will endeavour to point out the problems and give certain suggestions as to what they really mean and how they should be dealt with.

A11. LAW FOR THE LAYMAN I. Mr. Alexander McT. Stalker, Lecturer in the Faculty of Law. 10 lectures of 1½ hours, Tuesdays at 8:15 p.m., beginning October 7th. Arts Building. Fee $15.00.

This course will deal briefly with the system of law obtaining in the Province of Quebec; the different courts in the Province; what is involved in a lawsuit; the functions of the lawyer and his relationship to his client; ways of conducting business (partnership, corporations, etc.) and their advantages and disadvantages; registration of businesses; agency; some brief comments on taxation and bankruptcy; elements of obligations and contracts and some comments on negligence and its results.

A12. LAW FOR THE LAYMAN II. Mr. Alexander McT. Stalker. 10 lectures of 1½ hours, Tuesdays at 8:15 p.m., beginning January 20th. Arts Building. Fee $15.00.

This course will deal particularly with the family, its status and members; marriage and divorce; property in the family; married women in the Province of Quebec; life insurance; gifts; estates and wills; succession duties; buying Real Estate, suggestions to follow and things to watch for.

A13. CURRENT EVENTS. Professor K. B. Callard. 10 lectures of 1½ hours, Wednesdays at 8:15 p.m., beginning October 8th. Fee $15.00.

Each lecture will be devoted to a problem of current public importance, and an attempt will be made to set contemporary events in their proper historical context and perspective. Opportunity will be provided for class discussion at each lecture.

A16. THE STUDY OF MAN I (Introduction to General Anthropology). Professor Toshio Yatsushiro, Department of Sociology and Anthropology. 10 lectures of 1½ hours, Wednesdays at 8:15 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $15.00.

Syllabus: Human origins, types, and evolution; the spread of modern races; the prehistoric development of culture; the nature of society, culture, and language; a brief survey of different primitive cultures of the Old and New Worlds. *Text:* William Howells, *Back of History: The Story of Our Own Origins* (Doubleday, 1954).

A17. THE STUDY OF MAN II (Cultural Anthropology). Professor Toshio Yatsushiro. 10 lectures of 1½ hours, Wednesdays at 8:15 p.m., begining January 21st. Physical Sciences Centre, 3450 University Street. Fee $15.00.

Syllabus: Examination and comparison of different primitive cultures distributed throughout the world (North and South America, Africa, Middle East, Asia, Melanesia, Polynesia, and Australia), in terms of their family, educational, economic, religious, political, and stratificational systems, their technology, and their value systems. *Text:* Elmer R. Service, *A Profile of Primitive Culture* (Harper, 1958).

A18. INTRODUCTION TO PSYCHOLOGY. Professor Dalbir Bindra, Department of Psychology. 20 lectures of 1½ hours, Mondays at 6 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $30.00.

This course deals with human behaviour and how psychology tries to explain it; the relation of psychology to social problems, education and medicine; perception, learning, memory, thought, motivation and emotion; intelligence and its measurement; personality and temperament. *Text:* K. U. and W. M. Smith, *The Behaviour of Man: An Introduction to Psychology* (Holt, 1958).

A19. PSYCHOLOGICAL PROBLEMS IN ADJUSTMENT. Dr. John D. Hackett, The Mental Hygiene Institute. 10 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 8th. Allan Memorial Institute of the Royal Victoria Hospital, 1025 Pine Avenue West. Fee $20.00.

This course will approach psychological problems from a theoretical point of view with emphasis placed on the personality as it develops through growth and socialization. It will begin with personality theory and social and cultural processes. This will be integrated with a more detailed study of the organism from before birth through old age, using the personality theory and our understanding of social and cultural processes as a framework.

A20. UNDERSTANDING OURSELVES. Dr. R. C. A. Hunter and Staff, Department of Psychiatry. 10 lectures of 2 hours, Wednesdays at 8 p.m., beginning January 21st. Allan Memorial Institute of the Royal Victoria Hospital, 1025 Pine Avenue West. Fee $20.00. Class limited.

It is strongly recommended, although not required, that Course A19 be taken first. In Course A20 the class will be divided into groups of 25 or less, with an individual instructor. Consideration will be given to human problems, and interpretation and methods of handling them will be offered. Extensive use will be made of role-playing and group dynamics, and those attending will take part in actual group psychotherapy sessions

at the Allan Memorial Institute. The subject matter of this course will also be valuable to personnel supervisors and to those responsible for group and recreational programs.

For those who may desire it, a routine mental health check-up will be available at a small additional fee. Ask the instructor about it.

A26. FOREST, PRAIRIE AND TUNDRA IN CANADA. Dr. Paul F. Maycock, Department of Botany. 10 lectures of 1½ hours, Tuesdays at 8:15 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $15.00.

Wealth of forest and prairie is responsible for Canada's prosperity. Such wealth is readily observed while travelling and vacationing, and an understanding of the processes responsible for it will be considered in these lectures. The vegetational landscapes of the Dominion are considered from this point of view as well as their picturesque value, with the aid of kodachromes and plant displays. *Syllabus:* What is vegetation? Plant succession; plant activities and competition; landscape communities; deciduous forests; northern conifer-hardwood forests; spruce-fir forests; prairie and tundra; economics and vegetation; conservation.

A28. WOODLOT FORESTRY. Mr. A. R. C. Jones, Department of Woodlot Management, Macdonald College; and Mr. J. L. Van Camp, Canadian Forestry Association. 10 lectures of 1½ hours, Thursdays at 8 p.m., beginning January 22nd. Fee $15.00.

This is a practical course for small-woodlot owners. It will include forestry problems as related to Quebec woodlots and government extension services available to woodlot owners; tree identification; protection of woodlots, control of insects, disease, fire and other agencies; growth of trees and stands; measurement of standing timber and important woodlot products; planting techniques; improvement of young stands; marking and selective cutting in older forests; woodlot regulation and marketing possibilities. The course will include three field trips in the spring.

SECTION B

TECHNICAL COURSES

ENGINEERING COURSES—UNDERGRADUATE LEVEL

B1. ALGEBRA AND ANALYTICAL GEOMETRY. Professor Samuel Melamed, Department of Mathematics. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 6th. Engineering Building. Fee $40.00.

This course is intended for students preparing to write the C.P.E.Q. "Fundamentals of Engineering" examinations, although it is open to others interested.

Syllabus: Algebra—Indices, logarithms, quadratic equations, complex numbers, interest and annuities, graphs, series, permutations and combinations, binomial theorem, complex numbers, vectors, exponential series, partial fractions. *Analytical Geometry*—Rectangular and Polar co-ordinates, the straight line, circle, parabola and ellipse. *Text:* Elliott and Miles, *College Mathematics: A First Course* (Prentice-Hall).

B2. CALCULUS. Dr. Michael Herschorn, Department of Mathematics. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 6th. Engineering Building. Fee $40.00. *Prerequisite:* Course B1, or equivalent.

Syllabus: Limits, functional notation, differentiation of elementary functions, derivatives of sums, products and quotients, maxima and minima, differentiation of trigonometric, exponential and logarithmic functions, geometric applications, differentials. Integration of standard functions, definite integrals, areas and volumes, geometrical and physical applications. *Text:* Middlemiss, *Differential and Integral Calculus* (McGraw-Hill).

B3. MECHANICS I. Professor V. W. G. Wilson, Department of Civil Engineering. 20 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 7th. Engineering Building. Fee $40.00. *Prerequisite:* Calculus, as given in CPEQ examination syllabus, or equivalent.

This course in dynamics and statics will include the following topics: *Dynamics*—general motion involving displacement, velocity, and acceleration; rectilinear motion; composition and resolution of vectors; motion of projectiles; impulse and momentum; work, energy, and power; impact of a stream of particles. *Statics*—elementary frame analysis including equilibrium of concurrent and non-concurrent coplanar force systems; funicular polygon; simple beam reactions; forces in frameworks of two-force members by method of sections and by graphics; elementary friction. *Text:* McGill University, Faculty of Engineering, *Mechanics 322 Notes and Problems.*

B4. STRENGTH OF MATERIALS. Professors G. W. Joly and D. Selby, Department of Civil Engineering. 20 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 7th. Engineering Building. Fee $40.00. *Prerequisites:* Calculus and Mechanics I.

Topics: Stress, strain, resilience, and elastic properties of materials; bending moment and shear diagrams; simple, fixed, and continuous beams; reinforced concrete beams; torsion and bending in shafts and

springs; columns; bending combined with direct stress; elementary consideration of compound stresses; distribution of shear. *Text:* Popov, *Strength of Materials* (Prentice-Hall).

B7. THEORY AND PRACTICE OF SURVEYING. Professor Louis J. Arcand, Department of Civil Engineering. 25 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 7th. Engineering Building. Fee $50.00. *Prerequisite:* High School Matriculation

The lectures deal with the operation of the various types of Engineer's Levels, the Universal Transit and the art of measurement, for surveying practice in the field and in the shop. Emphasis will be placed on the use of the various units of measurement employed in the Province of Quebec, the adjustments of the instruments, the use of coordinates for area determination and computation of volumes, simple circular and easement curves, the theory and use of the polar planimeter and partition of land. A certain number of periods will be set aside for the students' use of survey instruments. Instruments, equipment and display panels will be available for demonstration. *Text:* Charles B. Breed, *Surveying* (Wiley).

B9. PLASTIC DESIGN OF STRUCTURES. Mr. Robert E. David, Canadian Institute of Steel Construction. 10 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Engineering Building. Fee $20.00.

This course, which is sponsored by the Department of Civil Engineering, is intended for design engineers. Its purpose is to provide basic information on a new method which has been used in England for the design of at least 175 large industrial buildings. Plastic or limit design calls upon the "ultimate" strength of structural steel as revealed by analysis of its plastic rather than elastic behaviour under load. Substantial savings in cost through the more economic use of steel and savings in the design office are expected to be made possible by the more simple plastic or limit methods. *Text:* Beedle, Thurliman, Ketter, *Plastic Design in Steel* (American Institute of Steel Construction).

B11. FUNDAMENTALS OF ILLUMINATION. Messrs. A. H. Mendel and R. S. Tate. 10 lectures of 2 hours, Tuesdays at 6 p.m., beginning January 20th. Engineering Building. Fee $20.00.

Syllabus: Incandescent light sources; fluorescent light sources and ballasts; measurement of light; lighting systems—fixture evaluation; lighting design; quantity and quality of light; school and office, store, and industrial lighting; floodlighting and sports lighting. *Recommended* text: Illuminating Engineering Society, *I.E.S. Handbook.*

B12. METHOD AND TIME STUDY. Mr. B. O. Winter, Canadian Industries Ltd., and others. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 6th. Engineering Building. Fee $40.00. *Prerequisite:* High School Matriculation.

The method study will consist of lectures on various method study charts, motion economy, human engineering, film analysis and memo-motion technique, statistics and plant layout. A number of problems will be incorporated to demonstrate the techniques practised.

In time study the sessions will cover subjects such as time study procedures, effort rating, objective rating, compensating rest allowances, use of film loops and statistical quality control for rating consistency, development and use of standard data charts and formulae, analytical estimating and random observation study. *Text:* R. M. Barnes, *Motion and Time Study*, 3rd edition (Wiley).

B13. STATISTICAL QUALITY CONTROL. Professor T. V. Narayana, Department of Mathematics, and Mr. R. Vance Ward, Canadian Industries Limited. 20 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 8th. Engineering Building. Fee $40.00. *Prerequisite:* High School Matriculation; some calculus desirable.

Syllabus: Introduction—the concept of Statistical Quality Control; probability distributions; measures of variation and central tendency; grouping of raw data; sampling; average and range charts—their construction and use; percent defective charts; other forms of controls; statistical sampling inspection; OC curves; fundamentals of acceptance sampling; MIL—STD—105A tables; attribute and variable sampling inspection plans; vendor quality level certification; sequential methods; SQC and tests of significance in general; introduction to advanced topics; recent industrial and practical problems. *Texts: ASTM Manual on Quality Control of Materials* (American Society for Testing Materials); *MIL-STD-105A: Sampling Procedures and Tables for Inspection by Attributes* (U.S. Government Printing Office).

B14. THE BEHAVIOUR OF METALS. Professor H. H. Yates, Department of Metallurgical Engineering. 20 lectures of 2 hours, Thursdays at 6 p.m., beginning October 9th. Physical Sciences Centre, 3450 University Street. Fee $40.00. *Prerequisite:* University graduation or equivalent.

Syllabus: Production methods and uses of the common metals; behaviour patterns in mechanical and chemical situations; crystal structure, solidification mechanism, grain pattern and casting characteristics; deformation mechanisms, strain hardening, annealing and recrystallization; behaviour of alloys: composition, microstructure and heat

treatment; effects of structural changes on mechanical properties and corrosion behaviour. Corrosion: chemical principles; corrosion mechanisms in wet and dry systems; metallurgical and environmental factors influencing rate and severity of corrosion; factors affecting design; testing techniques; methods of combatting corrosion.

B16. STRUCTURAL THEORY. Professors Carleton Craig, J. L. de Stein and J. O. McCutcheon, Department of Civil Engineering. 10 lectures of two hours, Tuesdays at 8 p.m., beginning January 20th. Engineering Building. Fee $20.00. *Prerequisite:* Uinversity graduation or equivalent.

Syllabus: Review of torsion, bending, columns, and elastic stability. Analysis of trusses, frames, arches, and beams on elastic foundations. Moment distribution. Theory of plates and shells.

ENGINEERING COURSES—GRADUATE LEVEL

For graduates in Engineering or Physics; not open to non-graduates.

Graduate engineers engaged in research, design and development work in Electrical and Mechanical Engineering and in Aeronautics require more advanced training than can be included in undergraduate courses. The courses listed below have been designed to provide this advanced training and in addition, they offer the opportunity to properly qualified students to complete the course requirements for an advanced Diploma or Master's degree while gainfully employed. Complete details of the course and other requirements for the Graduate Diploma in Electrical and Mechanical Engineering, the M.Eng. degree in Electrical and Mechanical Engineering, and the M.Sc. in Electrical Communications may be obtained on request at the Extension Office.

In order to meet the needs of graduate engineers and physicists in the Ottawa area, graduate courses in Electrical Communications sponsored by McGill are offered in the evening at Carleton University, Ottawa. These courses may also be taken for credit toward a Diploma or Master's degree.

Electrical Engineering

B20. AUTOMATIC PROCESS CONTROL. Professor G. L. d'Ombrain, Department of Electrical Engineering. 15 lectures of 2 hours, Wednesdays at 6 p.m., beginning January 21st. Engineering Building. Fee $30.00. *Prerequisite:* University graduation or equivalent.

This course is concerned with the principles of the industrial measurement of such quantities as temperature, pressure, level and flow and the application of such measurements to continuous closed-loop automatic

control. The content should be of particular interest to appropriate personnel in the chemical and oil refining industries.

B21. TRANSISTOR ELECTRONICS. Professor Gerald W. Farnell, Department of Electrical Engineering. 20 lectures of 2 hours, Thursdays at 6 p.m., beginning October 9th. Engineering Building. Fee $40.00.

This course will provide an introduction to the use of the transistor in communication circuits. *Syllabus:* conduction in semiconductors; principles of operation of junction, point-contact and special-purpose transistors; terminal characteristics; small-signal operation and equivalent circuits; large-signal operation and switching circuits; special considerations in the design of transistor circuits.

B22. MICROWAVE THEORY AND TECHNIQUES. Professor T. J. F. Pavlasek, Department of Electrical Engineering. 20 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 8th. Engineering Building. Fee $40.00. *Prerequisite:* Course B25 or equivalent.

Syllabus: Survey of r.f. transmission practice. Review of theory of transmission lines. Transmission-line sections as circuit elements. Impedance-measurement methods. Electro-magnetic theory of co-axial lines, of circular and rectangular wave-guides. Microwave transmission techniques. Theory and uses of resonant cavities, T-junctions, directional couplers, and other micro-wave circuit components. The theory and use of ferrites in microwave devices. Elementary theory, operating characteristics and applications of magnetrons, klystrons, travelling-wave tubes and other devices used for generation and detection of microwave power and signals. *Text:* Montgomery, Dicke, Purcell, *Principles of Microwave Circuits* (McGraw-Hill).

B23. INDUSTRIAL NOISE REDUCTION. Professor F. S. Howes, Department of Electrical Engineering. 20 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Engineering Building. Fee $40.00.

The problem of noise reduction in industrial plants and buildings requires some knowledge of acoustics and special measuring techniques. This course will present details of techniques and materials for noise reduction and methods for measuring a wide variety of noises. *Topics:* Basic terminology and concepts; measurement of noise; psychological aspects; room acoustics theory; noise reduction in rooms; transmission of sound through structures; characteristics of noise sources; materials and structures for noise reduction; mufflers and vibration isolators; machinery and ventilation-system quieting. *Text:* Beranek, *Acoustics* (McGraw-Hill).

B24. APPLIED MATHEMATICS I. Professor Charles Fox, Department of Mathematics. 20 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 8th. Engineering Building. Fee $40.00.

This course is open only to graduates in Engineering and may be taken by those seeking credit toward the M.Eng. degree in Mechanical Engineering.

The course will begin with a review of differential equations and will go on to develop those mathematical techniques essential for the treatment of problems in vibration, elasticity, heat flow etc. of particular interest to mechanical engineers. *Text:* L. A. Pipes, *Applied Mathematics for Engineers and Physicists*, 2nd edition (McGraw-Hill).

B25. APPLIED MATHEMATICS II. Professor P. R. Wallace, Department of Mathematics. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 6th. Engineering Building. Fee $40.00.

This course deals with the mathematical methods of engineering: vector analysis; Fourier series and other expansions and their use in differential equations of engineering; operational methods are also treated briefly. A selection of basic problems arising in engineering is treated, and the commonly occurring functions and differential equations are studied. The course is designed to extend the power of the graduate engineer to understand and use the mathematical techniques employed in the modern literature in radiation theory, circuit analysis, aerodynamics, supersonic flow, etc. *Text:* Bronwell, *Advanced Mathematics in Physics and Engineering* (McGraw-Hill).

B26. COMPLEX VARIABLE FOR ENGINEERS. Professor E. Rosenthall, Department of Mathematics. 20 lectures of 2 hours, Thursdays at 8 p.m., beginning October 9th. Engineering Building. Fee $40.00. *Prerequisite:* Calculus.

Syllabus: Elementary theory of Analytic Functions, Cauchy Theorem and Consequences; significance of singularities; poles and residues; evaluation of real definite integrals; conformal mapping, Schwarz-Christoffel Transformation, applications to two-dimensional potential distributions in current and fluid flow problems; complex treatment of electric transient phenomena; Nyquist Stability Criteria. *Text:* R. V. Churchill, *Introduction to Complex Variables and Applications* (McGraw-Hill).

B27. NUMERICAL ANALYSIS. Professor Hyman Kaufman, Department of Mathematics. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 8th. Engineering Building. Fee $40.00.

Syllabus: Finite differences; solution of algebraic and transcendental equations; evaluation of integrals; solution of differential equations. *Text:* F. B. Hildebrand, *Introduction to Numerical Analysis* (McGraw-Hill), 1956.

B28. THE UNIFIED THEORY OF ELECTRIC MACHINES. Professor T. H. Barton, Department of Electrical Engineering. 20 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Engineering Building. Fee $40.00.

The theory of operation of all types of rotating electric machines, with the exception of the small group of inductor alternators, will be developed on a unified basis by considering the generalized performance equations of Kron's primitive machine. Where it is convenient the basic electromagnetic principles will be stressed, but most of the investigation will use the appropriate techniques of circuit analysis. The necessary knowledge of matrix algebra will be covered during the course. Both steady state and transient operation will be considered and the limitations of the method in practical cases will be discussed.

B29. POWER SYSTEM ANALYSIS AND STABILITY. Professor W. H. Schippel, Department of Electrical Engineering. 20 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 7th. Engineering Building. Fee $40.00.

Syllabus: Symmetrical components—review of general theory; current calculations for faults; network simplification and solution; derivation of system currents and voltages. Constant of synchronous machines, transformers and lines; time constants; determination of constants by test. Steady-state power transfer between two machines; effect of magnetic saturation, salient poles; variation with phase angle, and effect of loads and short-circuits. Transient stability—power-angle diagrams; change of kinetic energy of machines; step-by-step calculations; use of curves for stability solutions; use of network analyzer; effect of delay in fault clearance; effect of time constants on stability. *Text:* Wagner and Evans, *Symmetrical Components* (McGraw-Hill).

OTTAWA COURSES (*Carleton University*).

B31. *MICROWAVE THEORY AND TECHNIQUES.* Mr. G. C. McCormick, National Research Council. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 8th. Carleton University, Ottawa. Fee $40.00.

This course will deal with the practical application of microwave theory: radio-frequency transmission line theory; transmission lines as circuit elements; general matching problems; transmission line charts; electromagnetic theory of coaxial lines and waveguides; waveguide transmission techniques; waveguide components such as attenuators, phase-shifters and directional couplers; resonant cavities; measuring

techniques; microwave antennas; introduction to theory and application of microwave tubes.

B32. DIGITAL AND ANALOG COMPUTERS. Mr. R. F. Linden, Civil Service Commission. 20 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Carleton University, Ottawa. Fee $40.00.

Syllabus: Computers as information processing equipment; statistics and information theory; models and analogs, basic mathematical techniques, differential equations, complex variable, matrices, Laplace Transform; numerical methods; programming of analog and digital computers; components of analog computers; analog computer systems; applications of analog computers; symbolic logic and switching algebra; components of digital computers; digital computer systems; applications of digital computers; digital differential analyzers.

B33. APPLIED MATHEMATICS. Mr. Paul Mandl, National Research Council. 20 lectures of 2 hours, Thursdays at 8 p.m., beginning October 9th. Carleton University, Ottawa. Fee $40.00.

The course deals with the mathematical methods of engineering: numerical calculations, vector analysis, ordinary differential equations, Fourier series, coordinate systems and curvilinear coordinates. Some commonly occurring functions (e.g., Bessel functions and spherical harmonics) are studied. The course aims at extending the power of the graduate engineer to understand and use the mathematical techniques, employed in the modern literature in radiation theory, circuit analysis, aerodynamics, etc. *Text:* Bronwell, *Advanced Mathematics in Physics and Engineering* (McGraw-Hill).

B34. INTRODUCTION TO AUTOMATIC CONTROL SYSTEMS. Mr. W. J. M. Moore, National Research Council. 20 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 7th. Carleton University, Ottawa. Fee $40.00.

This course is introductory in nature and will provide the background necessary for a more advanced course to follow. *Syllabus:* Outline and history of subject; dynamic analysis of elementary control systems; the Laplace Transform and its application; transfer functions; analysis of performance—stability; synthesis—determination of gain constant—compensation techniques; use of logarithmic co-ordinates; the Root Locus method; introduction to relay servos and non-linear techniques.

Mechanical Engineering

(See Course B24.)

B35. NUCLEAR REACTOR CALCULATIONS. Professor A. Robert Edis, Department of Mechanical Engineering. 20 lectures of 2 hours, Thursdays at 8 p.m., beginning October 9th. Engineering Building. Fee $40.00.

The course presupposes a knowledge of the differential equations leading to the determination of the critical size of a homogeneous reactor. Calculations will be carried out that will deal with lattice constants, shielding, cooling, fuel burnup etc. in a heterogeneous core, and possibly transient effects and control.

B36. PROCESS HEAT TRANSFER. Professor Jules W. Stachiewicz, Department of Mechanical Engineering. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 8th. Engineering Building. Fee $40.00.

This is a course on design of industrial heat transfer equipment with a special stress on design of shell-and-tube heat exchangers, coolers, heaters, condensers etc. for oil refineries, power plants and other industrial processes; also design of air and gas heat exchangers for gas turbines. The main stress will be on the thermal aspects of the design, but mechanical features will also be discussed. *Text: Standards of Tubular Exchanger Manufacturers' Association.*

B40. ADVANCED CHEMICAL ENGINEERING. Professor W. H. Gauvin, Department of Chemical Engineering. 25 lectures of 2 hours, Mondays at 6 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

The course covers some of the newer aspects and developments of Chemical Engineering such as: flow of non-Newtonian fluids, unsteady heat transfer processes, generalized heat transfer correlations, radiation from gases and from clouds of particles, flash and vapor recompression evaporation, multiple-component rectification and absorption, newer mass transfer theories.

TRANSLATION

Courses B51 to B55 constitute a three-year series leading to a Diploma in Translation. They involve one two-hour period a week, and are open to all qualified students. A *Certificate* is given at the end of each of the three years to those who are successful in the examinations. To gain the *Diploma*, first class standing must be obtained in translation from French to English and from English to French in the examinations at the end of the Second and the Third years.

Students who successfully completed any of these courses last session may register by mail for the next course in the series. Students who were unsuccessful in a course last session may register by mail to repeat the course. A registration card may be obtained by writing or telephoning the Extension Office. Mailed registration cards, with cheque attached, should reach the Extension Office by October 4th.

ADMISSION OF NEW STUDENTS

(a) Students in possession of a degree (B.A., B.Sc., B.Com.) from a recognized college or university will be permitted to register for the First year on production of an *official* transcript of their degree. This may be mailed or brought to the Extension Office.

(b) *All other students* wishing to enter First year MUST write the entrance examination in the Arts Building, McGill University, at 7 p.m. on Tuesday, September 16th.

(c) All *new* students wishing to enter Second year MUST write the entrance examination on September 16th. Their standing in that examination will determine whether they can be admitted to Second year or should revert to First year.

(d) An examination fee of $1.00 must be paid at the door.

(e) Within ten days of the date of the entrance examination, new students will be notified in writing of their admission to First or Second year. Those admitted may then register by mail. Registration cards, with cheques attached, should reach the Extension Office by October 11th.

FEES

The student fee, payable in full at registration, is the same for each course and is $45.00. Members of the Montreal Translators' Society, on presentation of their 1958 membership cards, will be registered at a reduced fee of $40.00. All Translation Course students are urged to join the Montreal Translators' Society, whose office is Room 246, Palais du Commerce (Show Mart), 1650 Berri Street. The yearly fee of the Society is $5.00 and its members enjoy special privileges. A cheque for $5.00 should be sent *directly to the Society.*

FIRST AND SECOND YEARS: COMMERCIAL TRANSLATION

The purpose of these courses is to assist students in acquiring or perfecting ease of style and propriety of vocabulary in translating commercial material—correspondence, reports, advertising matter, simple sales contracts and the like—from English into French and *vice versa.*

The fields of terminology covered are broadly those of trade, finance and business administration. These courses are designed to emphasize the fact that commercial translation requires both accuracy and elegance, together with a proper understanding of the principles of correct drafting and composition. A course of reading is recommended to the students. It includes standard remedial manuals and works of reference on the use of language and the art of translation.

B51. ENGLISH-FRENCH AND FRENCH-ENGLISH COMMERCIAL TRANSLATION (1st year). Mr. H. W. Mandefield and Mr. Gilbert H. King. 20 lectures of 2 hours, Tuesdays at 7:30 p.m., beginning October 14th. Arts Building.

B52. ENGLISH-FRENCH AND FRENCH-ENGLISH COMMERCIAL TRANSLATION (1st year). Mr. Roy A. Field and Mr. F. Dufau-Labeyrie. 20 lectures of 2 hours, Wednesdays at 7:30 p.m., beginning October 15th. Arts Building.

B53. ENGLISH-FRENCH AND FRENCH-ENGLISH COMMERCIAL TRANSLATION (2nd year. Mr. Gilbert H. King and Mr. H. W. Mandefield. Tuesdays at 7:30 p.m., beginning October 14th. Arts Building.

B54. ENGLISH-FRENCH AND FRENCH-ENGLISH COMMERCIAL TRANSLATION (2nd year). Mr. F. Dufau-Labeyrie and Mr. Roy A. Field. Wednesdays at 7:30 p.m., beginning October 15th. Arts Building.

THIRD YEAR: GENERAL TRANSLATION

This course, which is conducted alternately in French and in English, is intended for students with a fair background of linguistic knowledge. It provides an introduction to translation work of a literary value and all texts are selected from among the work of writers whose fields range from the descriptive or psychological novel to the critical essay and topical article of merit and distinction. Apart from the constant building up of indispensable vocabulary this course particularly stresses the stylistic aspect of English and French, and special attention is paid to synonyms, shades of meaning and the accurate rendering of the general tone of a page.

B55. ENGLISH-FRENCH AND FRENCH-ENGLISH GENERAL TRANSLATION (3rd year). Miss L. Mabel King. 20 lectures of 2 hours, Wednesdays at 7:30 p.m., beginning October 15th. Arts Building.

ENGLISH

B56. ENGLISH COMPOSITION AND BUSINESS WRITING. Professor Kathleen M. Vaughan, Department of English. 25 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 7th. Arts Building. Fee $38.00. *Prerequisite:* High School Matriculation. This course is strictly limited to those whose native tongue is English. Those who speak English fluently, but whose native tongue is not English, should register for *Course E33* (see page 3960).

This course is a study of the principles of effective English expression and their application in business letters, business reports, and other forms of communications and record. The course begins with 'refresher' lectures on grammar, sentence structure, punctuation, and paragraphing,

and proceeds to a detailed consideration of the techniques used in writing utility, sales, credit and collection, claim and adjustment, and application letters. There is also a detailed consideration of the procedure to be followed in writing business reports and a description of the types of prose which contributes to the effectiveness of reports. Students are encouraged but not required to write assignments for individual criticism. *Texts:* Robert R. Aurner, *Effective Communication in Business* and *Effective Communication in Business Workbook* (South-Western Publishing Co.).

FRENCH

BEGINNERS' FRENCH. Two classes of 25 1½-hour periods. Arts Building. Fee $38.00 for each class. Both classes limited to 25.

This course has been especially planned for students who have *never* studied French before, and who desire to attain quickly a measure of fluency in that language. The approach will be entirely aural-oral, the course being planned to equip the student with a minimum of essential grammar. Attention will be paid to correct pronunciation from the start, and aural comprehension will be particularly stressed. There will be a short conversation at the end of every class. Written exercises will be given but will not be compulsory. *Text:* G. Mauger, *Cours de langue et de civilisation françaises à l'usage des étrangers* (Librairie Hachette, Paris).

B58. Professor Y. Champigneul, Department of Romance Languages, Wednesdays at 8 p.m., beginning October 8th.

B59. Professor M.-T. Reverchon, Department of Romance Languages. Tuesdays at 6:30 p.m., beginning October 7th.

ELEMENTARY FRENCH. Two classes of 25 1½-hour periods. Arts Building. Fee $38.00 for each class. Both classes limited to 25.

This course is an elementary one, devised for students who have studied some French previously but who, for lack of opportunity to use it, have forgotten most of it. French will be begun again from scratch, but the rate of progress will be faster than in *Beginners' French*, and, while the emphasis will remain on an aural-oral approach, attention will be paid to correct grammar. Students will be invited to devote some of their spare time to study, and written exercises will be set. *Text:* Denoeu and Hall, *Spoken and Written French* (Heath).

B60. Mr. G. D. Jackson, Department of Romance Languages. Thursdays at 6:30 p.m., beginning October 9th.

B61. Professor T. Romer, Department of Romance Languages. Tuesdays at 8:15 p.m., beginning October 7th.

ELEMENTARY FRENCH CONVERSATION. Three classes of 25 1½-hour periods. Arts Building. Fee $38.00. Classes limited to 22.

This course consists of intensive oral work with the language, with emphasis on pronunciation, fluency and correct grammar. Attention will be given to enlarging the students' vocabulary, with particular regard to their professional needs or interests. This is a very suitable course for students who have taken the written or reading approach to French and desire to bring to life the linguistic material previously acquired. *Students will receive individual attention. Text:* G. Mauger, *Cours de langue et de civilisation françaises à l'usage des étrangers* (Librairie Hachette).

B62. Mr. M. Rabotin. Tuesdays at 8 p.m., beginning October 7th.

B63. Professor T. Romer. Thursdays at 8 p.m., beginning October 9th.

B64. Professor Y. Champigneul. Wednesdays at 6:30 p.m., beginning October 8th.

INTERMEDIATE FRENCH. Two classes of 25 1½-hour periods. Arts Building. Fee $38.00 for each class. Both classes limited to 25.

This course is intended for students who have taken French in High School or who have recently taken an elementary French course. A grammar review will be undertaken and a certain amount of written work will be offered on the less familiar aspects of syntax; but most of the class work (which it is hoped to conduct entirely in French) will be aimed at developing aural comprehension and increasing the students' active vocabulary on a wide range of topics. *Texts:* I. F. Fraser, *French Reviewed, A Review and Reference Grammar* and *Workbook* to accompany (Rinehart); O. F. Bond, Graded French Readers: *L'Anglais tel qu'on le parle*, Book VII, and *Les Farceurs*, Book VIII (Heath).

B65. Professor André Rigault, Department of Romance Languages. Mondays at 6 p.m., beginning October 6th.

B66. Mr. G. D. Jackson, Department of Romance Languages. Thursdays at 8 p.m., beginning October 9th.

INTERMEDIATE FRENCH CONVERSATION. Two classes of 25 1½-hour periods. Arts Building. Fee $38.00 for each class. Both classes limited to 22.

This course will be purely oral and conducted entirely in French. It is intended for students who have reached an average degree of aural comprehension but still experience difficulty in expressing themselves in French. The course will feature a review of every-day words and phrases used in real-life situations. *Students will receive individual attention. Text:* Shields, *Parlons français* (Houghton Mifflin).

B67. Professor M.-T. Reverchon, Department of Romance Languages. Tuesdays at 8 p.m., beginning October 7th.

B68. Mr. M. Rabotin, Department of Romance Languages. Thursdays at 8 p.m., beginning October 9th.

B69. ADVANCED FRENCH CONVERSATION. Mme. S. Launay. 25 periods of 1½ hours, Mondays at 6:30 p.m., beginning October 6th. Arts Building. Fee $38.00. Class limited to 22.

This course is intended for students who feel the need for fluent conversational French in business or who desire to attain a really good command of the spoken language. It will take the form of debates and discussions on prepared topics and of review of current phrases as necessary. Each lecture will include pronunciation exercises adapted to class needs. The course will be conducted entirely in French and students will receive individual attention. *Texts:* Picard and Black, *Manuel de conversation française* (Heath); Eugène Billaudeau, *Le Français tel qu'on le parle* (Oxford Univ. Press).

B70. SPOKEN FRENCH FOR EVERYDAY USE. Professor André Rigault. 25 lectures of 1½ hours, Wednesdays at 6 p.m., beginning October 8th. Arts Building. Fee $38.00. Class limited to 22.

This purely oral course (to be given in French) has been planned to give an intensive training in the main elements of conversational French. Class work will aim at developing fluency through exercises in aural comprehension, and will include the study of French speech habits and discussions on prepared topics. The latest basic French word list will be reviewed at the beginning and students will be drilled in the methods of French word building and the recognition of cognates, thus considerably enlarging their working vocabulary. *Texts:* P. Delattre, *An Introduction to French Speech Habits* (Holt); J. Landry, *Graded French Word and Idiom Book* (Heath).

GERMAN

CERTIFICATE OF PROFICIENCY IN GERMAN. A Certificate of Proficiency in German will be given upon the successful completion of the graded courses described below to those students who wish to undergo special examinations in oral and written German. Other students may pass an examination for a simple Pass Certificate. A student who has studied German at another university may be granted credit and be permitted to enter either the Second or the Third year of the course.

B72. BEGINNERS' GERMAN (1st year). Professor Bertha Meyer, Department of German. 25 lectures of 1½ hours, Thursdays at 6:30 p.m., beginning October 9th. Arts Building. Fee $38.00. Class limited.

This course offers a brief survey of German grammar and an introduction to the spoken and written language through the medium of an easy text. Oral German is stressed from the beginning and the pupil is encouraged to use the language as much as possible. *Text:* Nelson van de Luyster, *German for Beginners* (Crowell).

B73. GERMAN INTERMEDIATE (2nd year). Mrs. Gertrud Mladenovic. 25 lectures of 1½ hours, Thursdays at 6:30 p.m., beginning October 9th. Arts Building. Fee $38.00. Class limited.

This course offers the student the opportunity to continue the practice of spoken and written German and to attain some degree of fluency and correctness in the language. Such discussion of grammar and syntax as are found necessary will be given. Conversation will be encouraged. *Texts:* Stroebe, *Vom Alltag zur Literatur* (Holt); Fabrizius, *Wer zuletzt lacht . . .* (Appleton-Century-Crofts).

B74 and B75. GERMAN ADVANCED (3rd and 4th years). Mrs. Gertrud Mladenovic. 25 lectures of 1½ hours, Mondays at 6:30 p.m., beginning October 6th. Arts Building. Fee $38.00. Class limited.

This course will be conducted in German as far as possible. Through the medium of modern texts the idiom of colloquial German will be practised and special attention will be paid to developing fluent conversation and correctness in writing and translating original German and English texts. Students who want to obtain a Certificate of Proficiency are required to study additional texts. *Texts:* Loram and Phelps, *Aus unserer Zeit* (Norton); Stroebe, *Vom Alltag zur Literatur* (Holt).

ITALIAN

B76. ITALIAN ELEMENTARY: LANGUAGE AND CONVERSATION. Mrs. Anne Noad. 25 lectures of 1½ hours, Wednesdays at 6:30 p.m., beginning October 8th. Arts Building. Fee $38.00. Class limited.

This course is planned for beginners who have had no previous experience with the language. It aims at building a practical vocabulary for everyday use and, to that effect, uses the oral-aural approach almost exclusively for the first term. In conversational practice the emphasis will be laid on fluency rather than on grammatical correctness, grammar being presented in its functional form and limited to basic syntax. In the second term, the emphasis will be on commercial vocabulary. *Texts:* Grandgent and Wilkins, *Italian Grammar* (Heath); Cioffari and Van Horne, *Letture Varie* (Heath); Kany and Speroni, *Elementary Italian Conversation* (Heath); Cuthbertson, *Italian Verb Wheel* (Heath).

RUSSIAN

B77. RUSSIAN ELEMENTARY. Professor V. N. Litwinowicz. 25 lectures of 1½ hours, Mondays at 8 p.m., beginning October 6th. Arts Building. Fee $38.00. Class limited.

This course will begin with the general characteristics of the Russian language, the alphabet and phonetic values of separate letters; accent; basic rules of grammar. There will be reading, oral and written exercises, and translation into English and Russian of selected articles, accompanied by a gradual introduction to Russian culture and civilization. *Text:* G. A. Znamensky, *Conversational Russian* (Ginn).

B78. RUSSIAN INTERMEDIATE. Professor V. N. Litwinowicz. 25 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 7th. Arts Building. Fee $38.00. Class limited.

The course includes a rapid review and completion of twenty-five lessons in G. A. Znamensky's *Conversational Russian;* reading and translation of short stories from Chekhov; simple narratives of Russian life and customs; grammar and oral exercises. *Texts:* G. A. Znamensky, *Conversational Russian* (Ginn); Birkett and Struve, *Chekhov Selections* (Oxford).

B79 and B80. RUSSIAN ADVANCED (3rd and 4th years). Professor V. N. Litwinowicz. 25 lectures of 1½ hours, Wednesdays at 8 p.m., beginning October 8th. Arts Building. Fee $38.00. Class limited.

This course will be conducted in Russian. It will include a survey of Russian literature of the second half of the nineteenth century; translation and detailed study of Turgenev's novel *Fathers and Sons;* conversation and main problems of Russian linguistics. *Texts:* I. S. Turgenev, *Ottsy i deti* (Russian text); V. K. Mueller, *English-Russian and Russian-English Dictionary* (2 vols.) (Dutton).

SPANISH

A CERTIFICATE OF PROFICIENCY IN SPANISH will be granted on the successful completion of the graduated courses, extending over four years, described below. A mark of 65 percent or higher must be obtained in the Fourth year examination in order to gain the Certificate of Proficiency. Those who have studied Spanish at some other institution may be granted credit for one or more years depending on the progress they have made.

B81. SPANISH ELEMENTARY (1st year): Conversation and Composition. Professor Robina E. Henry, Department of Romance Languages. 25 lectures of 1½ hours, Thursdays at 6:30 p.m., beginning October 9th. Arts Building. Fee $38.00. *Class limited to 25 students.*

A beginners' course designed to teach students to read, write and speak Spanish, and to become conversant with the main grammatical principles of the language. Ample practice will be given in written work by means of translations and dictation. Students will be given considerable practice in oral work, particular importance being attached to self-expression, so as to prepare them for the Second year course, which is conducted largely in Spanish. *Texts:* Fernández and Hayes, *Beginning Spanish* (Houghton, Mifflin); Rogers and Centeno, *Patterns of Spanish Conversation* (Houghton, Mifflin); Timms, *Poco a poco* (Univ. of London Press).

B82. SPANISH ELEMENTARY (1st year): Conversation and Composition. Identical with the above. Time: Thursdays at 8:15 p.m., beginning October 9th.

Applicants must indicate clearly, when registering, the class they wish to take.

B83. SPANISH INTERMEDIATE (2nd year): Conversation and Composition. Professor Gaston F. Stegen, Department of Romance Languages. 25 lectures of 1½ hours, Thursdays at 8:15 p.m., beginning October 9th. Arts Building. Fee $38.00. *Class limited to 25 students. Prerequisite:* at least one year's study of the Spanish language.

This course presents a rapid and effective method of study for students of Spanish who have mastered the main elements of grammar and pronunciation. Considerable written practice is given in grammar and syntax by means of translations and compositions. Particular importance is attached to oral work, and the course is conducted in Spanish. As an introduction to the study of Spanish literature, the course includes the reading and discussion of a novel. *Texts:* Tarr and Centeno, *A Graded Spanish Review Grammar and Composition* (Appleton-Century-Crofts); Leavitt and Stoudemire, *Tesoro de lecturas* (Holt).

B84 and B85. SPANISH ADVANCED (3rd Year) and SPANISH FINAL (4th Year). Conversation, Composition and Literature. Professor L. B. Harrop and Mr. E. Ruiz-Fornells, Department of Romance Languages. 25 lectures of 1½ hours, Thursdays at 8:30 p.m., beginning October 9th. Arts Building. Fee $38.00. *Class limited to 25 students. Prerequisite:* two or three years of Spanish studies at McGill, or equivalent studies elsewhere.

This combined Third and Fourth year course includes advanced composition, pronunciation and conversation, intonation drills, the reading of short stories, novels and plays, a brief account of Spanish civilization, and modern Spanish idiom. *In the 1958-59 Session, special attention will be paid to Spanish writers of the last eighty years.* Those who are in their Fourth year of Certificate of Proficiency studies are required to do additional work as indicated below. *Texts:* Tarr and Centeno, *A Graded*

Spanish Review Grammar and Composition (Appleton-Century-Crofts); Harrop, *Notes on Spanish Pronunciation*; Levy, *Present-Day Spanish* (Dryden); Brady and Turk, *Cuentos y Comedias de España* (H.M.Co.); Palacio Valdés, *José* (Austral); Pérez Galdós, *Doña Perfecta* (Contemporánea); Harrop, *Graded Spanish Comprehension Pieces; Spanish Phonetic Reader:* Espinosa, *España* (Oxford). Additional text for 4th year: *An Omnibus of Modern Spanish Prose* (Odyssey). Fourth year students also study the history of the 19th Century Novel in Spain. *Recommended reference book:* Angel del Río, *Historia de la literatura española, Vol. II* (Dryden).

B86. THE MEDICAL AND BIOLOGICAL APPLICATIONS OF RADIOACTIVE ISOTOPES. Dr. Joseph Sternberg, Institute of Microbiology and Hygiene, University of Montreal. 25 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 7th. Medical Building, corner Pine Avenue and University Street. Fee $50.00. *Prerequisite:* University graduation.

The course will review the principles underlying the numerous applications of radioactive isotopes in Medicine, Physiology, Biochemistry and Biology. It will provide an understanding of the techniques and design of experiments, the limitations, pitfalls and hazards in the use of isotopes, and the typical errors in the interpretation of results. The impact of the use of radioactive materials in industry and warfare also will be fully considered.

B90. NURSING IN THE COMMUNITY. Miss Kathleen L. Macdonald, School for Graduate Nurses. 10 lectures of 1½ hours, Mondays at 6:30 p.m., beginning October 6th. Arts Building. Fee $15.00. *Registration restricted to graduate nurses.*

This course is designed for nurses working in hospitals, industry, visiting nurses' associations, health departments and specialized services. The course considers health needs in Canada, present resources, trends in medical-care plans, work of community health agencies and the integration of hospital and public health services.

B91. WARD MANAGEMENT AND SUPERVISION. Mrs. Nancy Franklin. 20 lectures of 2 hours, Wednesdays at 6:30 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $40.00. *Registration restricted to graduate nurses.*

Syllabus: A study of administrative planning for the hospital ward as the unit of hospital administration, plans for patient care, controlling the environment, supplies and equipment, personnel, ward teaching as part of the administrative plan, the function of the ward in the educational

programme of the student nurse; the principles of supervision applied to nursing education and nursing service in establishing a supervisory programme.

This course is identical with that given in the regular programme. *Students eligible for admission to the School for Graduate Nurses may receive credit for this course. Text:* Jean Barrett, *Ward Administration and Teaching* (Appleton-Century).

B92. INTRODUCTION TO NURSERY SCHOOL TEACHING. Professor J. E. M. Young, Institute of Education, Macdonald College; Miss B. Banks and Mrs. M. Kift. 10 lectures of 1½ hours, Wednesdays at 6 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $15.00. *Prerequisite:* High School Matriculation. *Students must be available for five one-half-hour observation periods in approved nursery schools.* Class limited to 25.

This is a basic practical course for persons working in the nursery school field. The course will include lectures and discussion on child growth and development; lectures and discussion on the practical planning of a nursery school program; observation of actual programs in approved nursery schools.

SECTION C
COURSES IN ACCOUNTANCY

(IN COOPERATION WITH THE SCHOOL OF COMMERCE)

In cooperation with the School of Commerce, the Extension Department offers an evening course program in Accountancy and allied subjects to meet the needs of those interested in such training. This program provides the curricular requirements for Commerce graduates proceeding to the Licentiate in Accountancy; for students of the Institute of Chartered Accountants of the Province of Quebec proceeding to the C.A. diploma; for students proceeding to the diploma of the Society of Industrial and Cost Accountants; for students of the Chartered Institute of Secretaries; and for students of the General Accountants' Association.

Students must plan their courses in accordance with the requirements of the diploma for which they are working. No student may take more than six class hours per week, four being generally preferable.

ADMISSION

Candidates for the C.A. diploma (see page 3936) must have at least junior matriculation standing and are required to submit their High School certificate to the Registrar of the University for evaluation prior

to enrolment for the courses. A cheque for $2.00, made out to McGill University, must accompany this submission. The requirements for admission to other diploma courses will be found on page 3937.

Students without training or experience in accounting and auditing will be required to follow the syllabus of courses in the order shown in Table I. The examinations in the courses constituting each year must be passed (the pass mark is 60%) before proceeding to the courses of the succeeding year.

Students with previous training or experience in accounting and auditing may be permitted to register at an advanced level. Application for admission to advanced standing must be made in writing to Professor K. F. Byrd, Purvis Hall, McGill University. Evidence to substantiate one's claims must accompany this letter.

ATTENDANCE

Regular attendance at lectures is required. A student who has been absent through illness must present a medical certificate at the next lecture he attends. If he has been sent out of town on business, a letter from his employer is required, for first-term absences, not later than the first lecture after Christmas, and for second-term absences by the last lecture of the academic year. The signature of an authoritative individual is required, not merely the firm name, and the letter must be handed to the lecture or demonstrator; it must not be sent to the Extension Department. Students whose unexcused absences exceed one-eighth of the lectures will not be permitted to write the examinations.

WINTER RECESS, JANUARY 19TH TO FEBRUARY 28TH, inclusive

Owing to the preoccupation of accounting offices with business matters during this period, all classes in the "C" courses will be cancelled with the exception of C151, C221, C351 and C451.

REGISTRATION

Registration and payment of fees *by mail* begins on Tuesday, September 2nd, 1958, and students are urged to register early by this means. On Wednesday, September 17th, and Wednesday, September 24th, Professor Kenneth F. Byrd will be available in the Arts Building from 6 to 9 p.m. for consideration of special cases requiring exemptions, examination of certificates, etc. Registration of special cases will be deferred until these dates. Prospective students arriving in Canada after September 24th should write immediately to Professor Byrd.

Candidates for the R.I.A. Two evenings have been set aside, Monday, September 15th, and Monday, September 22nd, from 5:30 to 9 p.m., for

TABLE I. COURSES OF INSTRUCTION FOR THE EXAMINATIONS OF VARIOUS ORGANIZATIONS

	McGill University Licentiate in Accountancy (for B.Com. only)	Institute of Chartered Accountants of Quebec	Society of Industrial and Cost Accountants*	Chartered Institute of Secretaries	General Accountants' Association
	Year	Year	Year	Year	Year
C111 Mathematics of Finance	..	1	1	..	1
C141 General Economics	..	1	..	..	1
C151 Labour and Industrial Legislation	..	..	1	..	..
C161 Elements of Accounting	..	1	1	1	1
C221 Industrial Management	..	..	2	..	4
C231 Commercial Law	..	2	..	..	2
C251 Industrial Organization	..	2	..	..	..
C261 Intermediate Accounting, Part I	..	..	2	2	2
C351 Fundamentals of Cost Accounting	..	3	3	..	..
C361 Intermediate Accounting, Part II	..	3	..	3	3
C362 Intermediate Auditing	..	..	4	..	3
C451 Advanced Cost Accounting	..	..	..	..	..
C461 Final Accounting and Auditing, Part 1A	1	4	..	..	4
C462 Final Accounting and Auditing, Part 1B	1	4	..	..	4
C561 Final Accounting and Auditing, Part IIA	2	5	..	..	5
C562 Final Accounting and Auditing, Part 11B	2	5	..	..	5

Note: The years indicated are intended as a general guide and are not be to regarded as necessarily applicable in all circumstances.

*All students who joined the Society after July 1st, 1957, must follow this new curriculum. (See page 3937.)

interview and registration of students wishing to proceed to the R.I.A. Diploma. *ALL R.I.A. students must register on one or other of these evenings.*

On these evenings, representatives from the Educational Committee of the Society of Industrial and Cost Accountants of Quebec and representatives from the McGill Extension Department will be present to advise and register students and receive course fees. Candidates for the R.I.A. will be given the opportunity of becoming Student Members of the S.I.C.A. and of subscribing to the Society Journal. In addition to course fees, the student will require approximately $20.00 for books and student membership in the Society.

Day Registration in person will be on the third floor, Dawson Hall from 9 a.m. to 4 p.m., Monday, September 8th, to Tuesday, October 14th, inclusive.

Evening Registration in person will be in the Registrar's Office on the ground floor, Dawson Hall, from 6 to 8.30 p.m., on Monday and Wednesday from September 15th to October 8th.

Late Registration Fee: A late fee of $5.00 for each course will be charged on all registrations after October 15th. Registration will be closed for all courses on November 3rd.

TEXTBOOKS

Information concerning textbooks and multigraphed notes required in the courses may be obtained from the lecturer at the first lecture.

PROBLEM ASSIGNMENTS AND CLASS TESTS IN ACCOUNTING AND AUDITING COURSES

There will be problem assignments each week which will be turned in by the student and recorded. Assignments mailed by students must be sent to the demonstrator's business or home address; no mail will be forwarded by the Extension Office. A number of assignments will be marked during the year and these will count for 15 percent of the final mark. There will also be a class test during the year which will count for another 15 percent. The examination at the end of the course will count for 70 percent of the year's work. Supplemental examinations will be marked out of 100—credit gained on problems and class tests being no longer applicable.

SPRING EXAMINATIONS.

An examination in each course will be held in the spring. The pass mark in each examination is 60 percent. Candidates who fail to pass the examination in the spring will be permitted to write a supplemental

examination in August. Candidates failing to pass the latter examination will be required to repeat the course in which they have failed and will not be permitted to register in the succeeding course.

Examination results will be sent out by mail from the School of Commerce as soon as possible after each examination. *They cannot be obtained by telephoning.*

SUPPLEMENTAL EXAMINATIONS

Supplemental examinations will be held in late August for students who fail in any of the examinations in the spring. No student will be permitted to enter the courses in Intermediate Accounting, Parts I and II, Intermediate Auditing, and Final Accounting and Auditing, Part I, without having passed all examinations in the accounting and auditing courses preceding, unless he has been specifically exempted therefrom.

All applications for re-examination must be made to the Director of the School of Commerce before August 15th, accompanied by a cheque for $10.00 made out to McGill University, and must include a statement as to the year in which the classes were taken.

DIPLOMA OF THE INSTITUTE OF CHARTERED ACCOUNTANTS OF QUEBEC

The Institute of Chartered Accountants of Quebec conducts its own qualifying examinations but requires that candidates must have previously passed the University examinations for the courses, as set out in Table I. As a prerequisite to recognition of these evening courses for admission to its own examinations the Institute requires the student to register with it and for this purpose the student must have obtained a junior matriculation standing recognized by McGill University. To obtain such recognition the student must present his matriculation certificate to the University Registrar before enrolment for the courses. See page 3932.

Details relative to registration, apprenticeship and other matters concerning the Institute may be obtained from

The Institute of Chartered Accountants of Quebec,
Chartered Accountants Building,
630 Lagauchetiere Street West,
Montreal.
C. D. Mellor, C.A., Executive Secretary.

The normal plan of studies for one who attempts to obtain a diploma requires five years, paralleling the five years of apprenticeship in the office of a practising chartered accountant.

Examinations

The Institute of Chartered Accountants of Quebec has two sets of qualifying examinations: Intermediate Accounting and Auditing, and Final Accounting and Auditing. Both sets of examinations are held annually in October. These examinations are conducted by the Institute under its own regulations. Applications to sit for these examinations must be made to the Secretary of the Institute, with proof that the necessary requirements have been met.

The Intermediate Accounting and Auditing examinations consist of four papers and are normally taken after three years of evening study.

Before sitting for these examinations, the candidate must have passed the following course examinations:

Elements of Accounting
Intermediate Accounting, Part I
Intermediate Accounting, Part II, and Intermediate Auditing
Mathematics of Finance
Commercial Law
Economics
Industrial Organization

In practice the Institute allows students who have written and failed in *one* only of the non-accounting courses to carry that course forward as a supplemental until after he has written his Intermediate C.A. examination for the first time. If he fails in that examination he is not then allowed to sit again until he has passed the supplemental examination in the course carried forward.

The Final Accounting and Auditing examinations consist of six papers, three in Accounting and three in Auditing, and are taken only after all of the course examinations have been passed.

DIPLOMA OF THE SOCIETY OF INDUSTRIAL AND COST ACCOUNTANTS

The Society of Industrial and Cost Accountants has three sets of qualifying examinations for its diploma, Registered Industrial Accountant (R.I.A.). The revised curriculum is as follows:

PRIMARY

Business Mathematics (½ course, available by correspondence course, summer 1959)
Accounting I
Industrial Legislation

INTERMEDIATE

Accounting II
Industrial Organization and Management

FINAL

Accounting III
Fundamentals of Cost Accounting
Advanced Cost Accounting
Managerial Statistics (½)
Report Writing (½)
Thesis

The new curriculum will go into effect by stages. The requirements of the primary year have been altered effective with the session 1957-58; the requirements of the intermediate year have been altered effective the session 1958-59; and so on. Because this changeover is by stages, a few students may be slightly inconvenienced. The new courses of the final years, for example, will not be available immediately; consequently, students may have to alter the normal sequence of their courses or, in the rare instance, postpone a course until it becomes available. For the great majority of new students the changeover will coincide with their annual progress, and they will therefore automatically follow the new curriculum.

The student may prepare for the qualifying examinations by following the courses shown under this heading in Table I.

Particulars may be obtained from Professor D. R. Patton, Chairman of the Co-ordinating Educational Committee of the Society, WE. 3-7362.

OTHER ASSOCIATIONS

For information about the Chartered Institute of Secretaries, write or telephone the Honorary Secretary, P. T. R. Pugsley, Suite 14, The Linton, 1509 Sherbrooke Street West. Telephone WE. 3-7362.

The General Accountants' Association provides for two sets of qualifying examinations: (a) Intermediate and (b) Final, leading to its diploma. For further details, telephone the Secretary, James G. Finnie, C.G.A., 5336 Queen Mary Road, Montreal. Telephone HU. 9-3232.

COURSES IN ACCOUNTING, AUDITING AND RELATED SUBJECTS

C111. MATHEMATICS OF FINANCE. Professors Herbert Tate, C. D. Solin and L. P. Wood, Department of Mathematics. 25 lectures of 2 hours each, Wednesdays at 6 p.m., beginning September 24th. Arts Building. Fee $50.00.

Syllabus: Review of fundamentals, logarithms, arithmetic and geometric progressions. Percentage, simple and compound interest, averaging accounts, annuities certain, sinking funds, perpetuities and capitalization,

bonds, amortization tables, instalment purchases, depreciation, simple business statistics. *Texts:* H. Tate, *Elementary Mathematical Analysis* (Pitman); *Mathematical Theory of Interest* (Pitman).

C141. GENERAL ECONOMICS. Professor E. F. Beach, Department of Economics and Political Science. 20 lectures of 2 hours each, Thursdays at 6 p.m., beginning September 25th. Arts Building. Fee $40.00.

Syllabus: Employment and income theory; government fiscal policy; money, banking and monetary controls; competition, monopoly, and international trade. *Text:* Samuelson, *Economics* (McGraw-Hill).

C151. LABOUR AND INDUSTRIAL LEGISLATION. Mr. Marc C. Lapointe. 25 lectures of 2 hours each, Mondays at 6 p.m., beginning September 22nd. Arts Building. Fee $50.00.

Syllabus: General provisions of the civil law concerning legal relationship between employers and employees. Individual contracts between employers and employee. Contractual Relationship and Government Regulations: Collective labour agreements governed by the Professional Syndicates Act; agreements governed by the Labour Relations Act; individual contracts governed by the Minimum Wage Act; the Quebec Trade Disputes Act, the Public Services Employees Disputes Act, and the act respecting municipal and school corporations and their employees; labour unions and employers' associations—their certification, negotiation, conciliation, arbitration; the Provincial and Federal laws governing strikes and lock-outs. Ancillary Laws: Review of the so-called social laws. Each lecture will be followed by a practical application of the theory presented. *Text: Code of Labour and Industrial Laws*, 1957 edition (G. Francq).

C161. ELEMENTS OF ACCOUNTING. Messrs. Kenneth C. Fincham, A. H. Howson, G. D. Rediker and D. H. Ladd. 25 lectures of 2 hours each, one evening per week at 6 p.m., Mondays beginning September 22nd or Tuesdays beginning September 23rd. Arts Building. Fee $50.00. *A pass in this course is prerequisite to Intermediate Accounting, Part I.*

Syllabus: Introduction to Books of Account and Financial Statements; theory of debit and credit; principles of double entry; the accounting cycle; recording of transactions in the general journal and general ledger; principles of control accounts; Accounts Receivable and Accounts Payable ledgers; provision for bad debts and cash discounts; use of special books of original entry including cash receipts and cash payment books, cheque register, sales and purchase journals and voucher register; distinction between capital and revenue expenditure; accounting for

petty cash; bank reconciliation statements; notes and bills of exchange; inventories; preparation of Profit and Loss Accounts or statements and Balance Sheets, with adjusting and closing entries.

Text: Finney and Miller, *Principles of Accounting—Introductory*, 5th edition, Canadian version (Prentice-Hall).

C221. INDUSTRIAL MANAGEMENT. (R.I.A. students.) Mr. R. L. Neff, DuPont of Canada. 25 lectures of 2 hours each, Mondays at 8 p.m., beginning September 22nd. Arts Building. Fee $50.00.

This course is designed to provide a clear picture of the principles, approaches, and some of the more important techniques involved in the management of industrial enterprises. The course deals with legal forms, planning and financing of an enterprise, internal organization, methods and control in factory operations, industrial and personnel relations and administration, accounting and financial control, and marketing and sales administration. *Text:* Bethel, Atwater, Smith and Stackman, *Industrial Organization and Management* (McGraw-Hill).

C231. COMMERCIAL LAW. Mr. R. Stewart Willis. 25 lectures of 2 hours each, Thursdays at 8 p.m., beginning September 25th. Arts Building. Fee $50.00.

Syllabus: Law of contracts, sale, agency, partnership, company law, negotiable instruments, and bankruptcy.

Texts: Civil Code; British North America Act (consolidation); *Companies Act* (Canada and Province of Quebec); *Bankruptcy Act.*

C251. INDUSTRIAL ORGANIZATION. (C.A. students.) Mr. J. P. Van Gigch, Northern Electric Company. 25 lectures of 2 hours, Tuesdays at 8 p.m., beginning September 23rd. Arts Building. Fee $50.00.

This course is designed to give the student an understanding of the complexities of managing an industrial enterprise and familiarize him with the development of sound policies as well as the judicial appraisal of their effectiveness. Through discussion of case material, problems arising in business administration will be illustrated. Areas dealt with will include principles of organization; differentiation of the various business activities according to their function, i.e., finance, sales, production personnel, etc.; major specific responsibilities of top management; evaluation of a company's situation; determination of objectives; policy making; controls etc. *Text:* G. A. Smith and R. Christensen, *Policy Formulation and Administration*, revised edition 1955 (Irwin).

C261. INTERMEDIATE ACCOUNTING (PART 1). Messrs. G. D. Boyd, P. M. Brophey and M. A. Miller. 25 lectures of 2 hours each, one evening per

week at 6 p.m.: Tuesdays beginning September 23rd or Thursdays beginning September 25th. Arts Building. Fee $50.00. *A pass in this course is prerequisite to Intermediate Accounting (Part II).*

Syllabus: Revision of the work of the First year at a more advanced level. Partnerships: accounting for formation, distribution of profits; admission and withdrawal of partners including treatment of goodwill and bonus; partnership dissolution and liquidation; default of a partner; sale of a partnership to a limited company. Manufacturing accounts and statements; the elements of cost; periodic and perpetual inventories; transfer of goods to trading department at a price in excess of factory cost and adjustment of inventories. Single entry; books and accounts required; preparation of financial statements from single entry data; conversion to double entry.

Texts: Smails, *Accounting Principles and Practice* (Ryerson); Karrenbrock and Simons, *Intermediate Accounting—Standard Volume* (South Western); *Companies Act (Canada)* (Queen's Printer).

C351. FUNDAMENTALS OF COST ACCOUNTING. Mr. E. H. Veinish. 20 lectures of 2 hours each, Mondays at 8 p.m., beginning September 22nd. Arts Building. Fee $40.00.

Syllabus: Purposes of cost accounting; elements of cost; process cost systems; job cost systems; controlling accounts and the cost records; accounting for materials; material storage and consumption; perpetual inventories and stores control; valuation of materials; accounting for labor cost; wage systems; accounting for manufacturing expense; distribution of manufacturing expense to production; the cost to make and sell; sundry forms; monthly closing entries; preparations of operating and financial statements; cost reports. *Text:* Matz, Curry and Frank, *Cost Accounting* (South-Western).

C361. INTERMEDIATE ACCOUNTING (PART II). Professor A. R. Marshall, School of Commerce, and Mr. Donald W. Cook. 25 lectures of 2 hours each, Thursdays at 6 p.m., beginning September 25th. Arts Building. Fee $50.00.

Syllabus: More advanced treatment of the work of the first two years. Consignment accounts; joint ventures; instalment sales; branch accounts. Financial statements: analysis and interpretation, methods of presentation, statements of source and application of funds. Reconstruction and reorganization of limited companies; mergers and amalgamations; holding companies and subsidiaries; minority interests. Consolidated statements.

Text: Karrenbrock and Simons, *Intermediate Accounting—Standard Volume*, and *Advanced Accounting—Comprehensive Volume* (South Western).

C362. INTERMEDIATE AUDITING. Professor A. R. Marshall and Mr. I. R. Sterling. 25 lectures of 2 hours each, Tuesdays at 6 p.m., beginning September 23rd. Arts Building. Fee $50.00.

Syllabus: Section 1, Auditing Fundamentals—Nature and purpose of auditing; ethics and responsibilities of auditors; errors and fraud, internal audit and control, types and uses of evidence, sampling, audit techniques, programmes and working papers. *Section 2, Audit Procedures*—Original records, assets, liabilities, owner's equity, income and expense accounts. *Section 3, Auditors' Report*—Dominion Companies Act requirements; Canadian Institute of Chartered Accountants' research bulletins; statement presentation and analysis; reports; Canadian, British and American legal cases on auditors' duties. Note.—The student is recommended to refer also to bulletins of the accountancy profession in the United States and Great Britain. *Texts:* Holmes, *Basic Auditing Principles* (Irwin); Smails, *Auditing* (Pitman).

C451. ADVANCED COST ACCOUNTING. Mr. Ronald Gallay. 20 lectures of 2 hours each, Mondays at 6 p.m., beginning September 22nd. Arts Building. Fee $40.00.

This course is designed for those having a fundamental knowledge of Cost Accounting principles and procedure. It covers advanced instructions in costing problems, records, and practices, and cost accounting in relation to inventories, budgetary control, and other devices of the various departments of a business, including the following: estimating cost systems; principles of standard costs; standard cost procedure; variances; cost ratios; budgetary control; static and variable budgets; differential cost analysis; special considerations and debatable methods; distribution and marketing costs; cost reports; graphic charts; machine accounting; current cost developments. *Text:* Matz, Curry and Frank, *Cost Accounting* (South-Western).

FINAL ACCOUNTING AND AUDITING, PART I. (Part I should be passed before the student takes Part II.)

C461. PART 1A. Mr. Norman Cohen and Mr. J. Richer. 25 lectures of 2 hours each, Tuesdays at 6 p.m., beginning September 23rd. Engineering Building. Fee $50.00.

Note: Lectures up to the date of the Intermediate C.A. examinations in mid-October will revise for those examinations.

Auditing and Investigations. Further treatment of the work of the Third year. Investigations for fraud; certification of profits for prospectus purposes; investigations for sale of business by sole traders, partnerships, limited companies, with valuation of goodwill; valuation of shares; schemes of conversion to limited company; schemes of amalgamation (consolidation) and absorption (merger); pooling schemes; schemes of reorganization and reconstruction.

Income Tax, Bankruptcy and Liquidation, Executorship Accounts

Income Tax: Principles and legal provisions (Dominion and Provincial) and their application to the problems of assessment of individuals, partnerships, and limited companies. Particular attention to the loss carry-back and carry-forward provisions, the treatment of capital cost allowances, the avoidance of double taxation of undistributed income, personal corporations. Payments of tax by individuals, partnerships, and limited companies. Objections and appeals: the income tax special court and higher courts.

Bankruptcy and Liquidation: Receiver's accounts; the marshalling of assets and liabilities; the statement of affairs; statement of realization and liquidation; the duties of the trustee.

Executorship Accounts: Accounting for capital and income in deceased estates; statements of charge and discharge; calculation of succession duties (Dominion).

Texts: Stettler, *Auditing Principles* (Prentice-Hall); J. Palen, *Report Writing for Accountants* (Prentice-Hall); Gilmour, *Income Tax Handbook* (DeBoo); *Income Tax Act (Consolidated)* (C.C.H.); *Bankruptcy Act, 1949* (Queen's Printer); *Dominion Succession Duties Act* (Queen's Printer).

C462. PART 1B. Mr. P. P. Aspinall and Mr. J. Richer. 25 lectures of 2 hours each, one evening per week at 6 p.m.: Mondays beginning September 22nd (Arts Building); Thursdays beginning September 25th *for Licentiates only* (Engineering Building). Fee $50.00.

Note: Lectures up to the date of the Intermediate C.A. examinations in mid-October will revise for those examinations.

Advanced Accounting. Further treatment of the work of Third year. Foreign branch accounts. Preparation of consolidated accounts of Holding and Subsidiary Companies, including sub-subsidiaries. More advanced treatment of amalgamations (consolidations) and absorptions (mergers), including inter-company holdings; accounting for capital reorganization and reconstruction. Advanced accounting theory in general.

Cost Accounting. Definition of cost accounting, its aims and objects, elements of cost accounting for the purchase, storage and issue of materials; accounting for labour; schemes of remuneration of labour including incentive schemes, co-partnership and profit-sharing; accounting for overheads, with methods of apportionment to departments, and production; double entry cost accounting; job costs; process costs; estimating cost systems; standard costs and accounting for variances; closing the accounts at balance sheet date, preparation of operating statements.

Budgetary Control. Preparation of the budget including flexible budgets.

Texts: Matz, Curry and Frank, *Cost Accounting* (South-Western); and, for Licentiate students only, Finney and Miller, *Principles of Accounting—Advanced* (Prentice-Hall).

FINAL ACCOUNTING AND AUDITING, PART II.

C561. PART IIA. Professor Kenneth F. Byrd. 25 lectures of 2 hours, Thursdays at 6 p.m., beginning September 25th. Engineering Building. Fee $50.00.

Advanced accounting problems, including special reference to insurance companies, municipalities, stockbrokers, banks, and investment trusts. General revision and integration of the work of all years, including consolidated accounts and cost accounting.

Text: Paton, *Corporation Accounts and Statements* (Macmillan).

C562. PART IIB. Mr. H. O. Spindler. 25 lectures of 2 hours each, Tuesdays at 6 p.m., beginning September 23rd. Arts Building. Fee $50.00.

More advanced treatment of the criticism of financial statements, reports and report writing, and general investigations; the drafting of schemes of amalgamation and merger, of conversion from partnership to limited company, and of capital reorganization; valuation of shares and goodwill. Revision and more advanced treatment of federal income tax.

Texts: Gilmour, *Income Tax Handbook* (DeBoo); *Income Tax Act Consolidated* (C.C.H.).

Note; Passes in the examinations of Courses C461, C462, C561 and C562 are prerequisite to sitting for the final examinations in Accounting and Auditing of the Institute of Chartered Accountants of Quebec.

SECTION D

MANAGEMENT AND BUSINESS ADMINISTRATION

(IN COOPERATION WITH THE SCHOOL OF COMMERCE)

INTRODUCTION. Two groups of courses are offered in this section. The first group (A) is available to university graduates only and leads to a Diploma in Management and Business Administration. Individual courses may be taken by any graduate interested. The second group of courses (B) is available, without restriction, to everybody.

(A) CREDIT COURSES LEADING TO THE DIPLOMA

While all of the courses in this series are open to any graduate interested, a candidate for the diploma must complete a special application form obtainable from the Extension office and submit it when registering. Further, each diploma candidate must submit an official transcript of his undergraduate record before completion of his first year's work. No candidate for the diploma will be permitted to register for more than three courses a year, and students are advised to take not more than two.

REQUIREMENTS FOR THE DIPLOMA

(1) Candidates must have a B.A., B.Com., B.Eng., B.Sc., B.C.L. or equivalent degree.

(2) Candidates must complete nine courses with a mark of not less than 60 percent in any course. Six of these courses must be completed from the required list and three from the elective list.

(3) Exemptions from *required* courses will be considered for equivalent work already completed at McGill or elsewhere. In making application for exemptions the student must submit, in addition to the transcript of his academic record, a certified description of the content of the course taken elsewhere which he regards as equivalent. No credit will be granted for *elective* courses already taken at McGill or elsewhere.

(4) Elective courses may not be taken for credit until all courses pre-requisite to these electives have been completed.

EXAMINATION REGULATIONS. An examination will be held in the spring in each course in the diploma series. For course credit toward the diploma, the student must obtain at least 60 percent in each examination. Candidates for the diploma who fail to obtain 60 percent in the spring examination may write a supplemental examination in August. If the standing obtained in the supplemental examination is less than 60 percent, the student must repeat the course.

All applications for re-examination must be made in writing to the Director of University Extension before August 1st and be accompanied by a cheque for $10 (for each examination) made out to McGill University.

CURRICULUM—DIPLOMA IN MANAGEMENT AND BUSINESS ADMINISTRATION

Required Courses:

Year 1
- D1. Economic Analysis of Business
- D2. Principles of Accounting and Cost Determination
- D3. Administrative Practices

Year 2
- D4. Canadian Economic Policy*
- D5. Money and Banking
- D6. Industrial Production*
- One elective

Year 3
- D7. Business Policy
- Two electives

Electives:
- D8. Corporation Finance
- D9. Principles of Marketing
- D10. Sales Management
- D11. Business Statistics
- D12. Business and Industrial Psychology
- D13. Personnel and Industrial Relations

*D4 must be taken by engineers; D6 must be taken by commerce graduates; others may choose between these courses.

(B) NON-CREDIT COURSES

These courses are intended for non-graduates who are not eligible to attend courses in the Diploma series.

- D20. Administrative Procedures
- D21. Personnel Administration
- D22. Elements of Marketing
- D23. Sales Organization
- D24. Retail Management
- D25. Canadian Income Tax
- D26. Machine Accounting
- D27. Electronic Data Processing

D28. Management and Organization of a Small Business
D29. Insurance
D30. Operations Research
D31. Investment Analysis

D1. ECONOMIC ANALYSIS OF BUSINESS. Professor Donald E. Armstrong, School of Commerce. 25 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 7th. Engineering Building. Fee $50.00.

Syllabus: The classification of markets. The determination by the firm of demand, costs, and production. The formulation of policies regarding such matters as price, advertising, inventories, and packaging. *Text:* Colberg, Bradford and Alt, *Business Economics* (Irwin).

D2. PRINCIPLES OF ACCOUNTING AND COST DETERMINATION. Mr. E. H. Veinish, Veinish, Blauer & Co. 25 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 8th. Engineering Building. Fee $50.00.

Syllabus: The meaning of accounting and its essential functions and scope; the relation of accounting to other fields, with particular reference to economics; effect of changing dollar valuation on financial reports; analysis of financial statements. The financial picture of business enterprises as revealed by the accountant. Methods of financing capital requirements. Principles of cost accounting and its relation to general accounting; consideration of the elements of cost, materials, labour and overhead expenses, and their control; essential principles of standard costing and budgetary control *Text:* Robinett, Hill and Beckett, *Accounting: A Management Approach* (Irwin).

D3. ADMINISTRATIVE PRACTICES. Mr. Alexander Winn, Aluminum Company of Canada. Two classes of 25 2-hour lectures on Mondays at 6 p.m., beginning October 6th, and Tuesdays at 6 p.m., beginning October 7th. *Applicants must indicate clearly, when registering, the class they wish to take.* Engineering Building. Fee $50.00 each class.

This course has as its objective the development of those individual attitudes and ways of thinking about human situations which are essential for effective administration. Classroom work will consist of discussion and analysis of numerous concrete "cases". These situations will be described and the people involved, their actions, relationships and conflicts, will be studied. The procedure in analyzing such problems and the essential basis for making sound decisions about them will be discussed. *Text:* Glover and Hower, *The Administrator*, 3rd edition, 1957 (Irwin).

D4. CANADIAN ECONOMIC POLICY. Professor Donald E. Armstrong. 25 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

Syllabus: Employment theory and income analysis; business and government policy designed to stabilize employment and prices; the control of competition and monopoly; the effect of policy on incentives, economic development, and growth.

D5. MONEY AND BANKING. Mr. I. D. Pal, Department of Economics and Political Science. 25 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

Syllabus: Evolution of money and credit; the commercial and central banks and their operation; value of money; money, prices, and incomes; monetary policy and business cycle; problems of employment and economic stability; objectives of monetary policy. A broad comparison of banking in Canada, the U.K., and the U.S.A.; recent monetary developments in Canada. Foreign exchange; international payments; equilibrium rate of exchange; international monetary policy. *Text:* George N. Halm, *Economics of Money and Banking* (Irwin).

D6. INDUSTRIAL PRODUCTION. Mr. D. A. Young, Foundation of Canada Engineering Corporation Ltd. 25 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

This course will deal with specific case material from industry focussing attention on specialization, simplification, standardization, diversification, expansion, contraction and integration; on raw materials purchasing and supply, plant location and layout, job standards and wage payment methods, and production personnel organization; on product development, production planning and scheduling, and control of raw material inventory and product quality. *Text:* Franklin E. Folts, *Introduction to Industrial Management* (McGraw-Hill).

D7. BUSINESS POLICY. Professor W. H. Pugsley, School of Commerce. 25 lectures of 2 hours, Thursdays at 8 p.m., beginning October 9th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

Business Policy covers the fields of policy-making and administration at the level where objectives are set for the Company as a whole, and departmental policies and activities are co-ordinated. Selected business case histories will be dealt with covering the top management viewpoint: problems, policies, plans and personalities; sizing up situations: formulating policies and planning programs of action; organizing administrative

personnel and putting plans into action; control, day-to-day administrative problems, follow-up and reappraisal. Emphasis is placed on the over-all point of view to bring out how any section or department of a business will be managed to make the most effective contribution to the business as a whole. *Text:* Smith & Christensen, *Policy Formulation and Administration*, revised edition, 1955 (Irwin).

D8. CORPORATION FINANCE. Mr. James D. Kadlec, Prudential Trust Company Ltd. 25 lectures of 2 hours, Thursdays at 6 p.m., beginning October 9th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

This course will include a detailed study of the field of Corporation Finance including the legal forms of business organization, formation and control of the Corporation, Corporation Stock, Corporation Bonds, factors determining the forms of capital structure, financial aspects of promotion, the organized security exchanges, and long and short term finance generally. Treatments for financial failure, including corporate merger, consolidation and reorganization, will also be studied. *Texts:* Guthman and Dougall, *Corporate Financial Policy* (Prentice-Hall); Hunt and Williams, *Case Problems in Business Finance* (Irwin).

D9. PRINCIPLES OF MARKETING. Mr. Norman J. Keesal, Red Comet of Eastern Canada Ltd. 25 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

This is an elementary course dealing with the general principles of marketing and their application. Each lecture period will be divided into two parts: the first hour will be devoted to general marketing principles presented by the lecturer, while the second hour will be given to group discussion through the extensive use of the case method. *Syllabus:* Market analysis, the Consumer, product policy, market research, marketing institutions, selection of channels, advertising, promotion, personal selling, pricing, development of sales programs. *Text:* Hansen, *Marketing Text, Cases and Readings* (Irwin).

D10. SALES MANAGEMENT. Mr. D. N. Shefler, Red Comet (Canada) Ltd. 25 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

Syllabus: Application of the management approach to the fields of sales and marketing management. The subject matter is related to the managerial functions of planning, organizing, coordinating and controlling in terms of decision-making and policy formulation. Extensive use of case materials will be made to help create an atmosphere of business procedures

in action while helping the individual to develop his own analytical ability, judgment and administrative prowess. *Text:* Still and Cundiff, *Sales Management, Decisions, Policies and Cases* (Prentice-Hall).

D11. BUSINESS STATISTICS. Mr. Martin Hollinger, of H. W. Hollinger, Ltd. 25 lectures of 2 hours, Thursdays at 8 p.m., beginning October 9th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

Syllabus: Objectives and bases of statistical analysis; statistical data and its presentation; rates, ratios and percentages; arithmetic and geometric progressions; frequency distributions; measures of central tendency, dispersion and skewness; analysis of time series, seasonal secular, cyclical and irregular movements; index numbers; simple correlation; elementary sampling theory; applications of statistical methods to business and economic problems; sources of economic and social data. Elementary mathematics review and practice assignments will be provided. *Text:* Croxton and Cowden, *Practical Business Statistics*, 2nd ed. (Prentice-Hall).

D12. BUSINESS AND INDUSTRIAL PSYCHOLOGY. Professor George A. Ferguson, Department of Psychology. 25 lectures of 2 hours, Mondays at 6 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

This is a survey course in the application of psychological methodology to problems of business and industry; psychological aspects of industrial organization, employee attitudes and morale, employee testing and interview techniques, training, merit rating, wage and salary administration, fatigue and efficiency, industrial accidents, labour management relations, advertising and market research.

D13. PERSONNEL AND INDUSTRIAL RELATIONS. Professor H. D. Woods, Director, Industrial Relations Centre. 25 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

This course will be concerned with the character of modern industry, the organization and functioning of management and of trade unions and the relationship between the two. The theory and techniques of personnel administration will be examined and appraised in the light of the human relationships in work situations. The trade unions and trade union groups and federations will be analyzed. The nature of industrial conflict, and the role of the state in law and dispute-settlement machinery, will be an important section of the course.

D20. ADMINISTRATIVE PROCEDURES. Lecturer to be announced. 25 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

This course will be similar in content to Course D3.

D21. PERSONNEL ADMINISTRATION. Mr. J. E. Girvin, Canadian Pratt and Whitney Aircraft Corporation. 10 lectures of 2 hours, Tuesdays at 6 p.m., beginning January 20th. Physical Sciences Centre, 3450 University Street. Fee $20.00.

An introductory course which examines the character of modern industry, the role of management and of labour, and the relationships, both formal and informal, which exist in the industrial setting. The question of motives is examined and the instruments of personnel administration appraised. The course is designed to promote situational thinking. The method will be a combination of lectures, cases, and conferences. Students registering for this course should be prepared to undertake considerable reading and to participate in conference discussions. It is also desirable that they present cases from experience for class analysis. *Text:* Pigor and Myers, *Personnel Administration* (McGraw-Hill).

D22. ELEMENTS OF MARKETING. Mr. H. Arnold Steinberg, Steinberg's Ltd. 25 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

This is an elementary course dealing with the general principles of marketing and their application. Each lecture period will be divided into two parts: the first hour will be devoted to general marketing principles presented by the lecturer, while the second hour will be given to group discussion through the extensive use of the case method. *Syllabus:* Market analysis; the consumer; product policy; market research; marketing institutions; choice of channels; advertising; personal selling; pricing; development of sales programs. *Text:* Hansen, *Marketing Text, Cases and Readings* (Irwin).

D23. SALES ORGANIZATION. Mr. Richard L. Edsall, Marketing Consultant. 25 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

Syllabus: An analytical study of the techniques and policies employed in the operation of a sales organization. The approach is from the viewpoint of marketing executives of an enterprise. Extensive use will be made of lectures and case materials in considering the problems of merchandising, promoting, planning, organizing and controlling the sales activities of companies. *Text:* Canfield, *Sales Administration* (Prentice-Hall).

D24. RETAIL MANAGEMENT. Mr. Harry Suffrin, Steinberg's Limited. 25 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

This course is designed to cover major areas of retail managerial responsibility. Areas such as store location, store layout, retail advertising, personnel policies, and buying practices will be considered. Particular attention will be given, by the use of the case method, to the development of individual capacities to manage retail activity. Case study will be supplemented by a series of guest lectures by retail business leaders. *Text:* Duncan and Phillips, *Retailing: Principles and Methods* (Irwin); David E. Favill, *Selected Case Problems in Retailing* (Prentice-Hall).

D25. CANADIAN INCOME TAX. Mr. Charles McLaughlin, Canadian Industries Limited. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $40.00.

Syllabus: The law and practice of Canadian Income Tax, Dominion and Provincial. Preparation of assessments of individuals, partnerships and limited companies. Special consideration of deductions allowed and not allowed, capital cost allowances (depreciation), business losses, foreign tax allowance. Taxation of undistributed income of limited companies. Treatment of the income of estates and trusts. Taxation of non-residents. *Texts: Canadian Income Tax Act; Canadian Income Tax Regulations; Canadian Income Tax Problems* (C.C.H.Canadian Ltd.).

D26. MACHINE ACCOUNTING. Mr. T. S. Kennedy, Canadair Limited. 10 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $20.00.

This course in Punched Card accounting is intended for students and others who have a sound knowledge of accounting principles. It is intended to show how problems attendant on a large volume of transactions or entries can be solved by the proper use of punch card machines and methods. Introductory sessions will be devoted to the background and development of punch card accounting and its advantages, as well as a discussion of the types of machines available. These will be followed by theoretical and case-history discussions on various accounting applications such as sales analysis, billing, inventory control, accounts receivable and payable, etc.

D27. ELECTRONIC DATA PROCESSING. Mr. George Glinski, Electrodata Division, Burroughs Adding Machine of Canada, Ltd. 25 lectures of 2 hours, Mondays at 6 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

Syllabus: Business data processing, integrated data processing, electronic data processing. Digital computer systems: computer organization and components, auxiliary equipment, devices for origination, transmission, translation and storage of data. Problem formulation: clerical and managerial business problems and their mathematical formulation. Programming of electronic computers. Functional applications: payroll, inventory control, billing, cost accounting, production control, scheduling. Survey of business applications: banking, insurance, utilities, merchandizing, transportation, manufacturing. Computer selection and implementation.

D28. MANAGEMENT AND ORGANIZATION OF A SMALL BUSINESS. Mr. Bernard B. Lax, Dominion Securities Corporation Ltd. 25 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 7th. Engineering Building. Fee $50.00.

This course involves a general study of the operation of small businesses, with particular attention to identifying business opportunities, and the development and organizational problems within the small firm. *Texts:* Kelley and Lawyer, *How to Organize and Operate A Small Business* (Prentice-Hall); Grimshaw, *Problems of the Independent Businessman* (McGraw-Hill).

D29. INSURANCE. Mr. Martin Hollinger. 25 lectures of 2 hours, Thursdays at 6 p.m., beginning October 9th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

This survey course covers the main principles and practices of the insurance industry. It is designed to be of practical value to everyone and particularly to those who require a knowledge of insurance in their business and professional undertakings. The study of contracts is emphasized.

Syllabus: Social and economic functions of insurance; underlying principles; life insurance—group, pensions; fire insurance—direct damage, extended coverages, consequential losses; ocean and inland marine; casualty—liability, theft, surety; automobile and aviation; miscellaneous other property coverages; health and accident; structure of the industry; public regulation; losses and claims; recent trends; executive programming. *Text:* Riegel and Miller, *Insurance Principles and Practices*, 3rd edition (Prentice-Hall).

D30. INTRODUCTION TO OPERATIONS RESEARCH: TECHNIQUES, TOOLS AND APPLICATIONS. Mr. George Glinski. 25 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

Syllabus: Scientific method, models. Techniques: linear programming, probability theory, mathematical statistics and sampling theory, theory of games, time series analysis, regression theory and forecasting techniques, statistical decision theory, queuing theory, Monte Carlo method, information theory, symbolic logic. Tools: electronic computers, analog computers, digital computers. Applications: inventory control, production control, systems and procedures planning, marketing and sales forecasting, long-range planning, economics. Organization of operation research.

D31. **INVESTMENT ANALYSIS.** Mr. S. A. Jarislowsky, Jarislowsky, Brown & Co. Ltd. 25 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $50.00.

This course deals with security analysis and investment techniques, covering the different types and classes of securities. The sources of information, methods of compiling statistics, and assessment of comparative values are discussed, together with portfolio objectives and differing philosophies of investment management. Broad economic trends, and international political climates affecting security values are analyzed. *Text:* Graham and Dodd, *Security Analysis*, 3rd edition (McGraw-Hill).

SECTION E

COMMUNITY SERVICE COURSES

ENGLISH FOR THE NON-ENGLISH-SPEAKING

(The number of students in each class is limited to 25.)

PART I

CERTIFICATE OF PROFICIENCY IN SPOKEN AND WRITTEN ENGLISH. A certificate of proficiency in spoken and written English will be granted on the successful completion (75% or higher in the Third year examination) of three of the four courses in Part I. Students may take either the First year (Beginners) or the more advanced regular First year course, followed by the Second year course, and finally the Third year course. Those who have attained *real fluency* in the language before attending these courses may sometimes be admitted to the Second year.

FIRST YEAR (Beginners)

Prerequisite: Literacy in student's own language. This First year (Beginners) course is designed for *real* beginners in English. Less will be attempted and the pace will be slower than in the regular First year course. Students who successfully complete this Beginners' course may, however,

usually proceed to the Second year in the following session. *Texts:* Eckersley, *Essential English*, Book I (Longmans). (N.B. Bilingual introductions to Essential English I are available in French, Spanish, Polish, Dutch and Norwegian.) I. A. Richards, *English Through Pictures* (Pocket Books); Eckersley, *A Concise English Grammar* (Longmans); Dodd, *Fables and Stories for Beginners* (Macmillan); Dodd, *Folk Tales from Different Lands* (Macmillan); *Gulliver's Travels* and *Seven Little Plays* (Longmans); Harrop, *English Phonetic Word Book; English Pronunciation Exercises; An English Phonetic Reader, Book I; Easy Comprehension Pieces. Recommended dictionary: The Advanced Learner's Dictionary* (Oxford).

E1. Miss Ann Robson. 25 lectures of 1½ hours, Thursdays at 6:30 p.m., beginning October 9th. Arts Building. Fee $38.00.

E2. Mr. Alexander Harvey. 25 lectures of 1½ hours, Mondays at 8 p.m., beginning October 6th. Arts Building. Fee $38.00.

FIRST YEAR

Prerequisite: Ability to understand and write simple English and to speak it with some fluency. This course begins at the elementary level but much more will be attempted than in the Beginners' course, the rate of learning will be faster, and the reading material of a higher level. Great stress will be laid on correct pronunciation and accentuation. The symbols of the International Phonetics Association are taught as a guide to pronunciation. A good deal of written work is done. *Texts:* Eckersley, *Essential English*, Books I and II (Longmans). (N.B. Bilingual introductions to Essential English I are available in French, Spanish, Polish, Dutch and Norwegian.) Eckersley, *A Concise English Grammar* (Longmans); *Peter the Whaler* (Longmans); Ed. by Dodd, *Lost Horizon* (Macmillan); Ed. by Dodd, *Nicholas Nickleby* (Macmillan); Harrop, *English Phonetic Word Book; An English Phonetic Reader*, Book I; *Easy Comprehension Pieces. Recommended dictionary: The Advanced Learner's Dictionary* (Oxford).

Two lectures per week, ending in December:

E4. Professor L. B. Harrop. 20 lectures of 2 hours. Mondays and Wednesdays at 6 p.m., beginning October 6th. Arts Building. Fee $40.00.

E5. Mrs. M. Brocklehurst. 20 lectures of 2 hours. Mondays and Thursdays at 6 p.m., beginning October 6th. Divinity Hall, 3520 University Street. Fee $40.00.

One lecture per week, ending in April:

E6. Professor Gaston F. Stegen. 25 lectures of 1½ hours, Thursdays at 6:30 p.m., beginning October 9th. Arts Building. Fee $38.00.

E7. Miss Alison Groom. 25 lectures of 1½ hours, Tuesdays at 6:30 p.m., beginning October 7th. Arts Building. Fee $38.00.

E8. Miss M. E. Simpson. 25 lectures of 1½ hours, Wednesdays at 8:15 p.m. beginning October 8th. Arts Building. Fee $38.00.

SECOND YEAR

Prerequisite: Either of the First year Certificate Courses, or *real fluency* in spoken and written English, and preferably a knowledge of international phonetics. In the Second year the stress is on idiom and usage, with continued formal grammatical exercises. More difficult grades of reading material are studied. *Texts:* Eckersley, *Essential English*, Book III; *A Concise English Grammar* (Longmans); Judd, *Exercises in English* (Longmans); Harrop, *English Phonetic Word Book; English Pronunciation Exercises; Dictation, Comprehension and Precis Pieces; An English Phonetic Reader*, Book II; *More Tales of Crime and Detection* (Oxford); *The Golden Argosy* (Bantam). *Recommended reference books: The Advanced Learner's Dictionary* (Oxford); Worrall, *English Idioms* (Longmans); Palmer, *A Grammar of English Words* (Longmans).

Two lectures per week, ending in December:

E10. Professor L. B. Harrop. 20 lectures of 2 hours, Mondays and Wednesdays at 8:15 p.m., beginning October 6th. Arts Building. Fee $40.00.

E11. Miss Janet Jackson. 20 lectures of 2 hours, Mondays and Thursdays at 8:15 p.m., beginning October 6th. Divinity Hall, 3520 University Street. Fee $40.00.

One lecture per week, ending in April:

E12. Miss Jean Deery. 25 lectures of 1½ hours, Wednesdays at 6:30 p.m., beginning October 8th. Arts Building. Fee $38.00.

E13. Mrs. L. E. MacLean. 25 lectures of 1½ hours, Mondays at 7 p.m., beginning October 6th. Arts Building. Fee $38.00.

E14. Miss Alison Groom. 25 lectures of 1½ hours, Wednesdays at 6:30 p.m., beginning October 8th. Arts Building. Fee $38.00.

E15. Miss Ann Robson. 25 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 9th. Arts Building. Fee $38.00.

THIRD YEAR

Prerequisite: The Second year Certificate Course, Intermediate or Advanced Conversation, *or* English Composition for Business Writing. This course presupposes a fluent command of English. In the Third year the stress will be on the finer points of syntax, idiom, and intonation. The student will also be introduced to some modern English novelists and playwrights.

Texts: Eckersley, *Essential English*, Book IV, and *A Concise English Grammar* (Longmans); Judd, *Advanced Exercises in English* (Longmans); Harrop, *English Pronunciation Exercises; Dictation, Comprehension and Precis Pieces; An English Phonetic Reader*, Book III; Clarke, *Modern English Writers* (Longmans); Forster, *A Passage to India* (Penguin); A. Scotland, *A Mirror of the Times*, Book I (Odhams); *Modern Plays* (Everyman's Library). *Recommended reference books:* Jones, *Everyman's English Pronouncing Dictionary* (Dent); Palmer, *A Grammar of English Words* (Longmans); Worrall, *More English Idioms* (Longmans); Millington-Ward, *The Use of Tenses in English* (Longmans).

E16. Professor L. B. Harrop and Dr. Monica Harvey. 25 lectures of 1½ hours, Thursdays at 7 p.m., beginning October 9th. Arts Building. Fee $38.00.

E17. Miss Janet Jackson. 25 lectures of 1½ hours, Tuesdays at 6:30 p.m., beginning October 7th. Arts Building. Fee $38.00.

PART II

All the courses listed in Part II (Courses E18 to E29)consist of 25 periods of 1½ hours, and all will be held in the Arts Building. The fee for each course is $38.00.

ENGLISH CONVERSATION FOR BEGINNERS.

This class, for those whose knowledge of English is non-existent or extremely limited, will use the Direct Method approach, especially during the early lessons. The aim will be to enable the student to use fluently, and with good pronunciation, a limited vocabulary and stock of essential phrases and speech patterns. *Texts:* Hornby, *Progressive English for Adult Learners*, Book I (Oxford); Harrop, *English Phonetic Word Book; English Pronunciation Exercises; Easy Comprehension Pieces;* subscription to "*English Illustrated*". *Recommended reference book: The Advanced Learner's Dictionary* (Oxford).

E18. Instructor: Mr. Alexander Harvey.

Time: Mondays, 6:30 p.m., beginning October 6th.

ENGLISH CONVERSATION, ELEMENTARY.

This conversation course will give practice in easy spoken English to students taking the First year course, or those who are at an equivalent level. Pronunciation drills will be an important feature of the class work. Simple reading matter (including an illustrated newspaper) will be read and discussed. *Texts:* Allen, *Living English Structure* (Longmans); Ed. by Dodd, *Discoveries of New Lands* (Macmillan); Wells, *The First Man in the Moon* (Longmans); Harrop, *English Pronunciation Exercises; Graded Comprehension Pieces;* subscription to "*English Illustrated*". *Recommended reference book: The Advanced Learner's Dictionary* (Oxford).

E19. Instructor: Miss M. E. Simpson.

Time: Wednesdays, 6:30 p.m., beginning October 8th.

E20. Instructor: Mrs. M. Brocklehurst.

Time: Wednesdays, 6:30 p.m., beginning October 8th.

E21. Instructor: Miss Jean Deery.

Time: Thursdays, 6:30 p.m., beginning October 9th.

ENGLISH CONVERSATION, INTERMEDIATE.

More advanced English conversation based on everyday situations, and discussions arising out of the reading of a Canadian magazine, stories and plays. Special attention will be given to the correction of errors of pronunciation and intonation. *Texts:* Palmer and Blandford, *Everyday Sentences in Spoken English* (Heffer); Harrop, *English Pronunciation Exercises; Graded Comprehension Pieces;* Allen, *Living English Structure* (Longmans); McNicol, *Six Men of Business* (Oxford); Doorly, *The Radium Woman* (Puffin); Greene, *The Living Room* (Heinemann); *MacLean's Magazine. Recommended reference books: The Advanced Learner's Dictionary* (Oxford); Eckersley, *A Concise English Grammar* (Longmans); Worrall, *English Idioms* (Longmans).

E23. Instructor: Mr. Charles Mitchell.

Time: Tuesdays, 6:30 p.m., beginning October 7th.

E24. Instructor: Mrs. L. E. MacLean.

Time: Mondays, 8:30 p.m., beginning October 6th.

E25. Instructor: Mrs. Helen Temple.

Time: Wednesdays, 6:30 p.m., beginning October 8th.

E26. Instructor: Mr. J. G. Harris.

Time: Tuesdays, 8 p.m., beginning October 7th.

ENGLISH CONVERSATION, ADVANCED.

This course will encourage really advanced students to converse freely on topics of general interest. A weekly newspaper and modern plays will be read and discussed. Special attention will be paid to the correction of errors of pronunciation, intonation, syntax and idiom. *Texts:* Allen, *Living English Structure* (Longmans); Palmer and Blandford, *Everyday Sentences in Spoken English*; A. Scotland, *A Mirror of the Times*, Book II (Odhams); Harrop, *English Pronunciation Exercises; Graded Comprehension Pieces; One-Act Plays* (Everyman). *Recommended reference books:* Jones, *Everyman's English Pronouncing Dictionary* (Dent); Vallins, *Good English* (Pan); Millington-Ward, *The Use of Tenses in English* (Longmans); Worrall, *More English Idioms* (Longmans).

E28. Instructor: Dr. Monica Harvey.

Time: Tuesdays, 8 p.m., beginning October 7th.

E29. Instructor: Dr. Mary Winspear.

Time: Tuesdays, 8 p.m., beginning October 7th.

PART III

COURSES IN ENGLISH COMPOSITION FOR BUSINESS WRITING

These courses offer a detailed study of English grammar and syntax of business phrases and terminology, and of the composition of various types of business letters. Particular attention is given to the English words, idioms, and usage which experience has shown to present difficulty to those who learn English as a foreign language. *Correct pronunciation and conversational usage are stressed.* Students are expected to prepare written assignments, which will be corrected and returned. These courses are intended for those who have completed two or more years of study in the English language courses offered at McGill or for those who have had an equivalent amount of formal instruction in the English language. Each class consists of 25 lectures of 1½ hours. Arts Building. Fee $38.00.

INTRODUCTORY COURSE IN ENGLISH COMPOSITION FOR BUSINESS WRITING.

Texts: Warner, *Business Letter Writing* (Pitman); Miller, *A Grammar of Modern English* (Longmans); Allen, *Living English Structure* (Longmans);

Harrop, *Graded Comprehension Pieces; English Pronunciation Exercises;* Gowers, *The Complete Plain Words* (H.M.S.O.). *Recommended reference books: The Advanced Learner's Dictionary* (Oxford); Palmer, *A Grammar of English Words* (Longmans); Vallins, *Good English* (Pan).

E32. Instructor: Dr. Monica Harvey.

Time: Tuesdays, 6:30 p.m., beginning October 7th.

ADVANCED COURSE IN ENGLISH COMPOSITION FOR BUSINESS WRITING. *Texts:* Warner, *Business Letter Writing* (Pitman); Miller, *A Grammar of Modern English* (Longmans); Allen, *Living English Structure* (Longmans); Harrop, *Graded Comprehension Pieces* and *English Pronunciation Exercises;* Gowers, *The Complete Plain Words* (H.M.S.O.); Eckersley and Kaufmann, *English and American Business Letters* (Longmans). *Recommended reference books: The Advanced Learner's Dictionary* (Oxford); Vallins, *Better English* (Pan); Millington-Ward, *The Use of Tenses in English* (Longmans).

E33. Instructor: Professor Kathleen Vaughan.

Time: Tuesdays, 6:30 p.m., beginning October 7th.

RAPID READING

E48. RAPID READING. Professor Margaret E. Nix, Department of Health and Social Medicine. 15 lectures of 1½ hours, Mondays and Thursdays at 6 p.m., beginning October 6th. Chemistry Building. Fee $23.00. Class limited to 40.

This course is designed to increase one's speed in reading. Those whose reading rate is approximately 200 words a minute can, with practice, double this rate by the end of course. *Text:* Stroud, Ammons and Bamman, 2nd edition, *Improving Reading Ability* (Appleton-Century-Crofts).

E49. RAPID READING. Identical with the above, but beginning January 19th.

E50. SPEAKING IN PUBLIC. Mr. Donald N. Byers, Q.C. 20 lectures of 1½ hours, Thursdays at 6:45 p.m., beginning October 9th. Engineering Building. Fee $30.00. Class limited.

This course is primarily for people with no previous experience in public speaking and is designed to give the students as much practice in speaking as possible. Each lecture period will commence with a ten-minute address by the instructor, who will cover, amongst other things, the preparation and delivery of a speech, how to introduce and

thank speakers, the duties of a chairman, and procedure at meetings. During the course, in addition to the prepared speeches that students will be asked to give, they will also introduce and thank speakers and take part in short debates.

E51. SPEAKING IN PUBLIC. Identical with the above. Time: Thursdays at 8:15 p.m., beginning October 9th.

Applicants must indicate clearly, when registering, the class they wish to take.

E52. HOW TO INVEST YOUR MONEY IN SECURITIES. (In co-operation with the Education Committee of The Investment Dealers' Association of Canada.) Lecturers to be announced. 10 lectures of 1½ hours, Wednesdays at 8 p.m., beginning January 21st. Physical Sciences Center, 3450 University Street. Fee $20.00.

This course has been designed to give the uninitiated a working knowledge of investment principles and practices. The course is suitable either for the person who knows little or nothing about investment or for the person who is already an investor and wishes to learn more about the subject. The various types of securities available in Canada will be described and analyzed. The lecturers will also discuss such topics as the development of an investment program, the management of the investment portfolio and the interpretation and use of financial statements.

Lectures will be of 45 minutes duration and will be followed by a question period.

E53. MODERN PHARMACY AND PHARMACOLOGY. Professor K. I. Melville, Department of Pharmacology. 20 lectures of 1½ hours, Wednesdays at 7 p.m., beginning October 8th. Chemistry Building. Fee $30.00.

This informal course is designed as a "refresher" for those interested in drug agents, their actions and the general principles of their application in treatment. Emphasis is placed on newer developments in pharmacy and pharmacology. The following general topics will be considered this year: History and development of a drug (2 lectures); drugs affecting the nervous system, including analgesics, hypnotics and tranquillizing agents (6 lectures); hypoglycemic agents (2 lectures); cardio-respiratory drugs (6 lectures); antibiotics (2 lectures); and miscellaneous new drugs (2 lectures).

E55. MATERIAL HANDLING I (Elementary). Mr. Donald B. Barry, Dominion Engineering Works Limited. 15 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Physics Building. Fee $30.00.

This course is designed to introduce the student to the fundamentals of material handling. *Syllabus:* Fundamentals, selection of equipment, industrial trucks and handling equipment, overhead handling, fork truck, conveyors, plant layout, analysis, reports and industrial solutions. Included will be discussions, films, reading assignments and problems. *Text:* J. Francis Carle, *Material Handling, Vols. I and II* (Lincoln Extension Institute (Canada) Ltd.).

E56. MATERIAL HANDLING II (Warehousing). Mr. Harold G. Worley, Canadian Industries Limited. 15 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Engineering Building. Fee $30.00.

This course is directed to the student who has completed Material Handling I, or who has a good basic knowledge of the subject. Particular emphasis is placed on the selection, application, and replacement of equipment, and warehouse design, layout and operation. Included in the course are lectures, discussions, home problems and reading assignments. *Texts:* D. O. Haynes, *Material Handling Equipment* (Clinton Co.); *Storage and Materials Handling* (U.S. Government).

E57. MATERIAL HANDLING III (Industrial). Mr. Frank G. Bogert, Trans Canada Air Lines. 15 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Engineering Building. Fee $30.00.

This course is directed to the student who has completed Material Handling I, or who has a good basic knowledge of the subject. Particular emphasis is placed on industrial material handling as opposed to warehousing. Topics to be dealt with are plant layout, materials handling analysis, selection and application of equipment, and typical industrial solutions based on case history films. *Text:* J. Francis Carle, *Material Handling, Vol. II* (Lincoln Extension Institute (Canada) Ltd.).

E58. INDUSTRIAL INSTRUMENTATION. Lecturers from The Instrument Society of America, Montreal Section. 20 lectures of 2 hours, Thursdays at 6 p.m., beginning October 9th. Engineering Building. Fee $40.00.

These lectures are directed to technicians and engineers who wish to obtain a working knowledge of instruments and controls as applied to chemical, petroleum, food, pulp and paper, metals and power industries. *Syllabus:* Principles and applications of industrial measuring instruments and automatic control systems; flow metering, level measurement, temperature measurement and pressure measurement.

E60. SUPERVISORY TRAINING. Mr. H. R. Filiatrault, Hydro Quebec. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 6th. Engineering Building. Fee $40.00.

This is a course for the training of supervisors. The following topics will be discussed: Principles of organization, the supervisor's job, supervisory problems, effective action; the employee and his viewpoint, understanding people, individual adjustment; induction, training, safety, health, discipline, reprimands, grievances, commendations, planning, job evaluation, job briefing, interviewing, counseling.

E61. A PRACTICAL COURSE IN PUBLIC RELATIONS. (In cooperation with the Canadian Public Relations Society (Montreal) Inc.) Course director: Mr. Monty Berger, Public Relations Manager, Canadian Industries Limited. 10 lectures of 1½ hours, Thursdays at 6:30 p.m., beginning October 9th. Engineering Building. Fee $15.00. Class limited.

This course is aimed at broadening the experience and horizons of those already in the field of Public Relations and those proposing to enter it. A number of speakers experienced in public relations work will provide the basis for case history assignments. The conference-workshop technique will be employed in alternate sessions. The following aspects of public relations will be considered: Public relations in industry, in the community; public relations and utilities; public relations and labor unions; public relations as a career—opportunities and qualifications.

E62. TECHNICAL WRITING. Dr. J. J. Brown, Industrial Automation Ltd. 15 lectures of 2 hours, Mondays at 8 p.m., beginning October 6th. Fee $30.00. Engineering Building. Class limited.

This course is designed to fill the needs of people *actually working in technical editing*. Its subject matter is the problems and techniques of technical writing—how to write descriptions of mechanical, electrical and electronic devices that will be understood by people without engineering training. In addition to the special problems of communication in scientific fields, the following matters of technique will be covered: choice of words, sentence structure, organization of the paragraph, transition sentences, overall organization, precis writing, tests for readability, writing to a set space. Teaching methods will include lectures, classroom exercises, and discussion of home assignments.

E63. PACKAGING MATERIALS AND PROCESSES I. (In cooperation with the Educational Committee of the Packaging Association of Canada.) Lecturers to be announced. 10 lectures of 2 hours, Thursdays at 6 p.m., beginning October 9th. Engineering Building. Fee $20.00.

This introductory course covers the properties, characteristics and applications of the various packaging materials in general use today in Canadian industry. Instruction will comprise lectures, demonstrations,

motion pictures and actual case studies. *Topics:* Paper and paper products; glass and plastic containers; transparent films, foils, metal and fibre cans and drums; corrugated and wood containers; the machinery involved in their handling and use.

E64. PACKAGING MATERIALS AND PROCESSES II. (In cooperation with the Educational Committee of the Packaging Association of Canada.) Lecturers to be announced. 10 lectures of 2 hours, Thursdays at 6 p.m., beginning January 22nd. Engineering Building. Fee $20.00. *Prerequisite:* Course E63 or its equivalent.

This course is designed to provide more advanced training in the packaging field. *Topics:* Protective requirements, package and surface design; specifications, standards and testing techniques; economics of packaging; printing processes and converting; packaging equipment.

Instruction will comprise lectures, seminars, demonstrations and case studies of actual problems and their solutions.

E65. BUILDING OR BUYING YOUR HOME. (In cooperation with Central Mortgage and Housing Corporation.) Six lectures of 2 hours, Thursdays at 8 p.m., beginning October 9th. Fee $12.00, payable on registration. Registration card must be presented at all six lectures. Physical Sciences Centre Auditorium, 3450 University Street.

This course is intended primarily for people who are planning to build a home, although much of its content will also be very helpful to those who wish to buy a house already built as it will make them more aware of things to look for and questions to ask. *Syllabus:* method of financing; legal aspects of acquisition and financing; selection of site and neighbourhood; elements of good design; architectural services available, selection of builder, specifications; elements of construction, materials, methods, finishes, landscaping. Many of the lectures will be illustrated by slides.

The lecturers are: Mr. E. R. Collins, Chief Appraiser, Central Mortgage and Housing Corporation; Mr. James W. Hemens, Montreal lawyer; Professor John Bland, Director, and Professor H. J. Spence-Sales, McGill School of Architecture; Mr. S. A. Gitterman, Adviser on House Construction, C. M. and H. Corporation.

A number of booklets, published by Central Mortgage and Housing Corporation and helpful to the prospective builder, will be supplied free to all who register for the course.

E67. PRINCIPLES OF RUBBER TECHNOLOGY. (In cooperation with the Rubber Chemistry Division of the Chemical Institute of Canada and the Quebec

Rubber and Plastics Group.) Lecturers to be announced. 20 lectures of 2 hours, Thursdays at 6 p.m., beginning October 9th. Physical Sciences Centre, 3450 University Street. Fee $40.00.

This course is designed primarily for rubber technologists, production and sales people as well as for students contemplating a career in the rubber industry. It covers descriptions and practical applications of natural and synthetic rubbers, accelerators, antioxidants, fillers, and other processing chemicals. Included are lectures on the compounding of rubber, the theory and practice of vulcanization, factory processing and equipment and on testing and testing equipment. The principal products, such as tires, latex foam, industrial rubber goods and wire and cable, will be discussed.

E68. INTERIOR DECORATION. Miss Audrey Taylor, Montreal Museum of Fine Arts, and Professor Helen Devereaux, School of Household Science, Macdonald College. 10 lectures of 1½ hours, Wednesdays at 8 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $15.00.

This course is designed to show the possibilities of using color and design to their full extent in our present surroundings. Starting with one element of interior design, the class will then proceed to relate that element to all the other functional qualities, thus illustrating that today's particular type of design is a development from many other previous periods of interior decoration. Lectures will be illustrated by samples of materials and by slides.

E70. THE APPRAISAL OF REAL ESTATE. (In cooperation with the Appraisal Institute of Canada and the Montreal Real Estate Board.) Lecturers to be announced. 20 lectures of 1½ hours, Tuesdays at 8:15 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $30.00. *Prerequisite:* High School Matriculation.

This course has been designed to cover the fundamental theory of appraisal of real property and will be of interest to anyone concerned with real estate values and property management. It is intended to provide an understanding of the basic techniques employed in the estimation of value of real property. Students who complete this course may apply to the Appraisal Institute of Canada to write the corresponding qualifying examination of that body. *Text: The Appraisal of Real Estate* (The American Institute of Real Estate Appraisers).

SECTION M

EVENING COURSES AT MACDONALD COLLEGE

Evening courses have been offered at Macdonald College for some years. The number and variety of these courses have now been greatly increased and each year they will be listed in this announcement. This development is intended as a service to people who live toward the west end of the Island and who may find it more convenient to go to Macdonald College than to come to McGill in the evening.

The McGill Extension Department registration card may be used to register for Macdonald courses and you may register by mail, BUT you must mail your card and cheque (*made out to Macdonald College*) to EXTENSION SERVICE, MACDONALD COLLEGE, P.Q. Since there is a post office at Macdonald College, address your letter to Macdonald College, P.Q., rather than to Ste. Anne de Bellevue.

GENERAL INFORMATION—MACDONALD COLLEGE COURSES

REGISTRATION.—You may register by mail, starting September 2nd.

Please use the enclosed card, fill in all four sections, and mail it, with your cheque or money order (payable to Macdonald College), to the Extension Service, Macdonald College, P.Q.

ALL of the information asked for on the card—your address, telephone numbers, employer, educational background, etc.—is important to us in conducting the program and in planning for future courses. If we do not have your telephone number, we cannot notify you of the cancellation of a lecture. We would appreciate your cooperation.

Although registration by mail is advisable, students may register at the College during the day or evening, as follows:

Day Registration: Extension Service office, south side of Women's Residence, 9 a.m. to 4 p.m., Monday to Friday inclusive, September 8th to October 20th.

Evening Registration: *Ground floor*, Main Building, 7 to 8 p.m. on the night the class is held.

LIMITED CLASSES.—In some of the courses as, for example, language classes, in which the progress of the student is dependent on his participation and the individual attention of the instructor, the size of the class is limited. In such cases, enrolment is on a "first come, first served" basis. It is advisable, therefore, to register early.

FEES.—The fee as indicated for each course is payable in advance, at time of registration. If, after the first lecture, you find that the course seems unlikely to meet your needs, a refund of the whole fee may be obtained by presenting your Student card at the Extension Service office between the hours of 9 a.m. and 4 p.m. *No refunds will be made after the date of the second lecture in the course.* If refund by mail is desired, the Student card must reach the Extension Service office *before the second lecture* and three weeks be allowed by the student for receipt of refund cheque.

CANCELLATION OF COURSES.—The student fee charged for these evening courses is essentially what it costs to put them on, assuming a certain minimum registration. If the registration in a course is less than the required minimum, the Committee reserves the right to cancel the course and refund fees.

TEXT BOOKS.—All required text books may be purchased at Extension Service office.

THANKSGIVING HOLIDAY.—No classes will be held on Monday, October 13th.

CHRISTMAS HOLIDAYS.—The last lecture before Christmas will be on Thursday, December 18th. For new courses beginning in January, ask in December for special announcement.

EXTENSION OFFICE—The Extension Service office is located on the south side of the Women's Residence.

TELEPHONE—Ste. Anne de Bellevue 5335, local 16 (before 5 p.m.).

COURSES

M1. DRAWING AND PAINTING. Mr. Gino Lorcini, Montreal Museum of Fine Arts. 10 periods of 2 hours, Thursdays at 8 p.m., beginning October 9th. Main Building, Macdonald College. Fee $20.00. Class limited.

The instruction is neither academic nor formal, but is designed to develop skill, interest and latent talents. The class paints and draws from living models and still life. Students bring their own materials.

M2. EVOLUTION. Professor F. O. Morrison, Department of Entomology. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 7th. Main Building, Macdonald College. Fee $15.00. *Prerequisite:* High School matriculation.

A review, in this year of the Darwinian Centenary, of the evidence for organic evolution, i.e., for the origin of animals and plants as we know them today from a common ancestor back in geological times.

M3. EVOLUTIONARY ORIGIN OF MAN. Professor F. O. Morrison, Department of Entomology. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning January 20th. Main Building, Macdonald College. Fee $15.00. *Prerequisites:* High School matriculation and preferably Course M2.

A look at man's closest living relatives, and the fossil remains of his deceased relatives with a view to speculating on his most probable antecedents in the very remote past.

M4. INTRODUCTION TO ENGLISH LITERATURE I. Professor D. W. Cole, Department of English. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 7th. Main Building, Macdonald College. Fee $15.00.

This course is designed to acquaint the student with the historical development and social backgrounds of English literature. Selections from the major authors will be read and discussed in class. The work in this term will trace the development of English literature from its beginnings to the end of the 17th Century.

M5. INTRODUCTION TO ENGLISH LITERATURE II. Professor D. W. Cole, Department of English. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning January 20th. Main Building, Macdonald College. Fee $15.00.

In this series the development of English literature from the 18th Century to the present day will be considered, with special emphasis on the contemporary period.

M6. INTRODUCTION TO PSYCHOLOGY. Professor J. E. M. Young, Institute of Education. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 7th. Main Building, Macdonald College. Fee $15.00. *Prerequisite:* High School matriculation.

This course will provide a brief introduction to some of the topics with which modern psychology is concerned: human growth and development, perception, motivation, individual differences, learning, mental health, and psychology in education, industry, etc.

M7. CONVERSATIONAL FRENCH. Dr. S. C. M. Hawkins and staff, Institute of Education. 10 periods of 1 hour, Tuesdays at 8 p.m., beginning October 7th. Main Building, Macdonald College. Fee $10.00.

Practice in Oral French at elementary, intermediate and advanced levels, using *French Without Toil* as a point of departure, and using supplementary mimeographed materials in the advanced group. The first class of the session is held in common, after which students attend the group which they judge of greatest use to them. *Text:* A. Chérel, *French Without Toil* (Assimil).

M8. BIRDS AND PLANTS OF THE LAKESHORE. Dr. Dorothy E. Swales, Department of Plant Pathology. 10 periods of 2 hours, Tuesdays at 8 p.m., beginning October 7th. Main Building, Macdonald College. Fee $20.00.

The ferns of local woods and the trees will be studied primarily, but any common plants or shrubs will be added, according to availability in flowering or fruiting condition. A few new-type house plants will be studied as well. Common birds of the garden and local waters, and their identification marks, will be discussed.

M9. EFFECTIVE READING. Mrs. M. H. Dubreuil, Department of English. 12 periods of 1½ hours, Tuesdays and Thursdays at 8 p.m., beginning October 14th. Main Building, Macdonald College. Fee $18.00. Class limited.

This course is designed to help you read faster and better. If your reading rate is 200 words a minute or less you can, with practice and application, double this rate by the end of the course.

M10. ECONOMICS OF INVESTMENT. Dr. D. L. MacFarlane, and others, Department of Economics. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 7th. Main Building, Macdonald College. Fee $15.00.

This course has been designed to give the uninitiated a working knowledge of investment principles and practices. The course is suitable either for the person who knows little or nothing about investment or for the person who is already an investor and wishes to learn more about the subject.

M11. SECRET OF THE GREEN THUMB. Professor R. I. Brawn, Department of Agronomy. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 7th. Main Building, Macdonald College. Fee $15.00.

You acquire a "green thumb" only when you understand what goes on in the plants themselves, what they need in order to live, and how they do their work. To garden merely by ready-made rules is to be only half a gardener. This course will present in simple language for the amateur the scientific facts about plants on which all gardening methods must be based.

M12. HOME GARDEN LANDSCAPING. Mr. Juri Roht, Department of Horticulture. 10 lectures of 1½ hours, Wednesdays at 8 p.m., beginning October 8th. Main Building, Macdonald College. Fee $15.00.

Syllabus: Landscape design, sketches, plant material, lawns, plantings and care of plant material.

M13. THE FLOWER GARDEN. Mr. Juri Roht, Department of Horticulture. 10 lectures of 1½ hours, Wednesdays at 8 p.m., beginning January 21st. Main Building, Macdonald College. Fee $15.00.

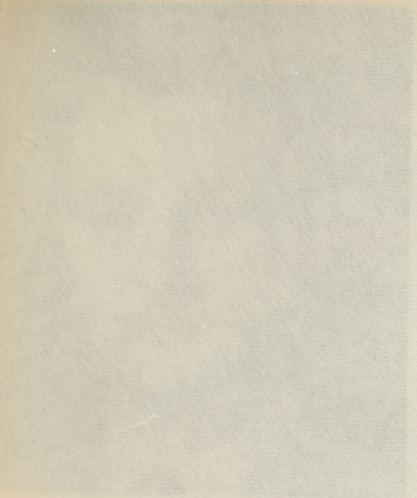
Syllabus: Design of flowerbeds, perennial plants, annual flowers, plantings and care of flower beds; propagation of flowers both out of doors and in the house. Lectures will be supplemented by practical periods in the greenhouse.

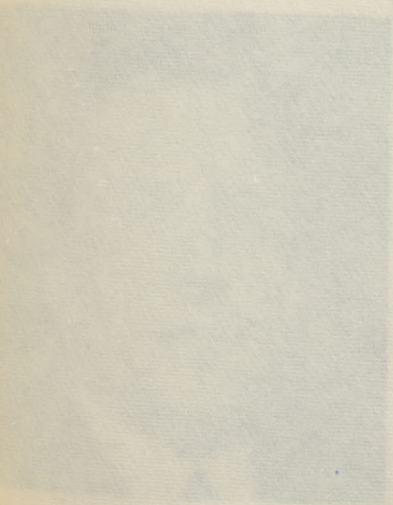
M14. HUMAN HEREDITY AND THE ATOMIC AGE. Professor R. I. Brawn, Department of Agronomy. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning January 20th. Main Building, Macdonald College. Fee $15.00.

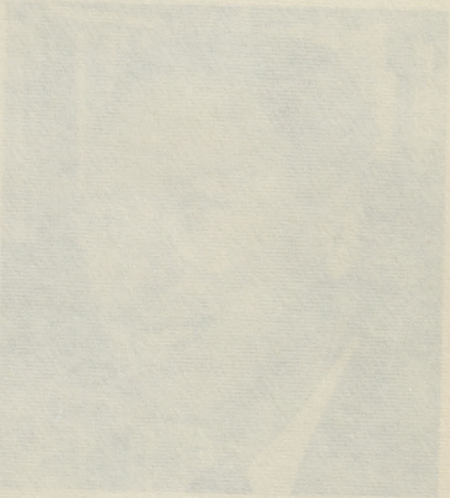
A discussion of human inheritance with a consideration of the effect of nuclear warfare on the future of the race.

M15. PRE-SCHOOL MUSIC. Mrs. Gertrude MacFarlane, School of Household Science. 10 periods of 1½ hours, Tuesdays at 8 p.m., beginning October 7th. Main Building, Macdonald College. Fee $15.00.

This course is designed for parents and teachers of young children, and will include materials, methods and techniques for introducing music to the child under six. Demonstration and discussion will be significant features of the course.



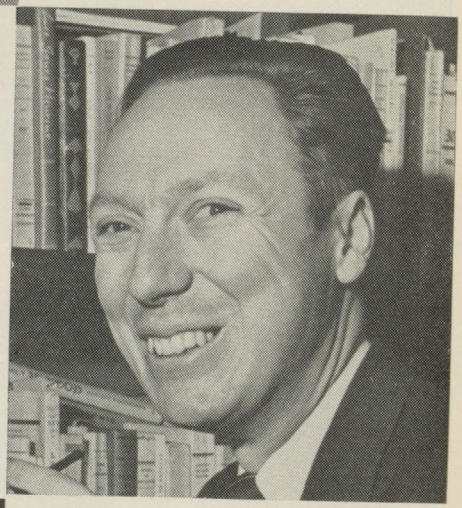






André Rigault
Director

Pierre Brodin
Visiting Professor



Photograph by Fred Stein



Thaddée Romer
Assistant Director



McGILL UNIVERSITY

MONTREAL, CANADA

Faculty of Arts and Science

FRENCH SUMMER SCHOOL

DIRECTOR

PROFESSOR ANDRÉ RIGAULT

42nd SESSION:

26th JUNE - 8th AUGUST, 1958

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Institute of Education
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, and School of Household Science.)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

INDEX

	Page
Administrative Officers	4005
Admission Requirements	4014
Age and Health Requirements	4015
Aims of the School	4009
Baggage	4023
Banking Arrangements	4024
Cars	4020
Certificate of the French Summer School	4018
Correspondence	4016
Courses of Instruction	
Section A	4024
Section B	4027
Section C	4030
Specialized Courses	4034
Credits	4019
Credits for McGill Students	4019
Features of the 1958 Session	4010
Applied Linguistics for Teachers of French	4010
Course on French in Diplomacy and Protocol to-day	4011
Dramatics	4012
Evening Lectures	4012
Excursions	4013
Language Practice Laboratory	4011
Song Groups	4012
Visiting Professor	4010
Fees	4016
Fees for M.A. Students	4037
Final Examinations	4018
French House	4020
Group Leaders	4007
Health Service	4020
Immigration Requirements	4023
Officers of Instruction	4006
Opening Date	4015
Readings in Advance	4035

INDEX—*Continued*

	Page
Reduced Railway Fares	4023
Registration	4015
Regulations for the Master of Arts Degree	4035
Scholarships and Prizes	4017
Sections	4014
Statements of Examination Results	4019
Status of Students in the School	4017
Study and Recreation	4021
Textbooks	4035
Timetable	4038
University and its Cultural Environment (The)	4009
Use of French	4022
Veterans	4017
Visitors	4008

ADMINISTRATIVE OFFICERS

Chancellor of the University:

R. E. POWELL, D.Litt. (Monmouth), LL.D.

Principal and Vice-Chancellor of the University:

F. CYRIL JAMES, Chevalier de la Légion d'Honneur, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Laval, etc.), D. de l'U. (Montréal), D.C.L. (Bishop's), LL.D. (Toronto, Glasgow, etc.), F.R.S.C.

Vice-Principal of the University:

D. L. THOMSON, B.Sc., M.A. (Aberdeen), Ph.D. (Cantab.), LL.D. (Aberdeen and Middlebury), F.C.I.C., F.R.S.C.

Dean of the Faculty of Arts and Science:

H. N. FIELDHOUSE, B.A. (Oxon.), M.A. (Sheffield), F.R.S.C.

Director of the French Summer School:

ANDRÉ RIGAULT, B. ès L., Licencié ès Lettres (Paris), Diplômé d'Etudes Supérieures (Paris), Diplômé de l'Ecole Supérieure des Professeurs de Français à l'Etranger (Sorbonne), Diplômé de l'Institut de Phonétique de l'Université de Paris; Assistant Professor of French, McGill University.

Assistant Director of the School:

THADDÉE ROMER, Officier de la Légion d'Honneur; Licencié ès Sciences Politiques et Sociales (Lausanne); Administrative Assistant to the Chairman of the Department of Romance Languages and Assistant Professor of French, McGill University.

Secretary of the Board of Governors

JOHN H. HOLTON, B.Com. (Tor.)

Registrar of the University:

COLIN M. McDOUGALL, D.S.O., B.A.

Comptroller:

G. A. GRIMSON, B.Com.

Secretary of the French Summer School:

MISS JACQUELINE GOLDBERGER

OFFICERS OF INSTRUCTION

André RIGAULT, B. ès L., licencié ès lettres (Paris), diplômé d'études supérieures de lettres (Paris), diplômé de l'Ecole supérieure des professeurs de français à l'étranger (Sorbonne), diplômé de l'Institut de phonétique de l'Université de Paris; Assistant Professor of French, McGill University; *Director of the School*

Thaddée ROMER, officier de la Légion d'honneur, licencié ès sciences politiques et sociales (Lausanne): Administrative Assistant to the Chairman of the Department of Romance Languages and Assistant Professor of French, McGill University; *Assistant Director of the School*

Pierre BRODIN, chevalier de la Légion d'honneur, licencié ès lettres (Paris), diplômé d'études supérieures (Paris), agrégé de l'Université de France, docteur ès lettres (Sorbonne); directeur des études du Lycée français de New-York, doyen de la Faculté des lettres de l'Ecole libre des hautes études de New-York (French University in New York); *Visiting Professor for 1958*

Mme Dorothy R. BRODIN, B.A. (Bryn Mawr), M.A. (Columbia), certificats d'études françaises (Universités de Paris et de Poitiers); Teacher of French, Hunter College High School, New York; professeur à l'Ecole libre des hautes études, New-York

Mlle Yvonne CHAMPIGNEUL, B. ès L., licenciée ès lettres (Toulouse), diplômée d'études supérieures de lettres (Toulouse), agrégée de l'Université de France, conseillère pédagogique dans les lycées et collèges français; Assistant Professor of French, McGill University

Paul CHAVY, B. ès L., licencié ès lettres (Paris), diplômé d'études supérieures de lettres (Paris), agrégé de l'Université de France; Professor of French Language and Literature, and Chairman of the Department of French, Dalhousie University, Halifax, Nova Scotia

Mme Lilyane DARIOSECQ, B. ès L., licenciée ès lettres (Paris), diplômée d'études supérieures de lettres (Paris); Instructor in French, Smith College, Northampton, Massachusetts

Luc DARIOSECQ, B. ès L., licencié ès lettres, licencié en philosophie (Paris), diplômé d'études supérieures de lettres (Paris), ancien élève de l'Ecole normale supérieure, agrégé de l'Université de France; Assistant Professor of French, Smith College; Visiting Assistant Professor of French (1957-58), Mount Holyoke College

Michel EUVRARD, B. ès L., licencié ès lettres (Paris), Diploma of English Studies (Cantab.), diplômé d'études supérieures de lettres (Paris), agrégé de l'Université de France; Assistant Professor of French, McGill University

Mme L. TOUREN-FURNESS, O.I.P., B. ès L., licenciée ès lettres (Paris), Professor Emeritus of French, McGill University

Mlle Maryvonne KENDERGI, B. ès L., licenciée de concert (piano) et licenciée d'enseignement (Ecole normale de musique de Paris), ancienne élève d'Alfred Cortot, licenciée ès lettres (Paris), diplômée d'histoire de l'art (Paris); Commentator on European Musical Festivals, Radio-Canada (French network), Montreal

Mme Eva KUSHNER, B. ès L., B.A., M.A., Ph.D. (McGill); Teacher of French, Sault Collegiate Institute; Lecturer in French and Philosophy, University of Western Ontario, Sault Ste. Marie extension

Mlle Elisabeth LA MOTHE, diplômée d'études supérieures de lettres (Université de Montréal); Teacher of French, Trafalgar School, Montreal

Dominique PENOT, B. ès L., licencié ès lettres (Montpellier); Instructor in French, Yale University

Maurice RABOTIN, B. ès L., licencié ès lettres (Paris); Lecturer in French, McGill University

Mlle Marie-Thérèse REVERCHON, O.I.P., B. ès L., licenciée ès lettres (Paris), diplômée d'études supérieures de lettres (Paris), certificat d'aptitude à l'enseignement dans les lycées, agrégée de l'Université de France; Assistant Professor of French, McGill University

---

In addition to the regular Resident Staff, Assistant Instructors will be appointed as necessary, in order to keep classes down to a size compatible with maximum teaching efficiency.

GROUP LEADERS

The *French Song Groups* will be conducted by Mlle Maryvonne Kendergi.

The leader of the *French Dramatic Group* will be M. Maurice Rabotin assisted by Mme Lilyane Dariosecq.

The Editor of *Chantecler* (the weekly French paper produced by the Staff and Students of the School) will be M. Michel Euvrard.

VISITORS

As in the past, the School will have the honour of entertaining French diplomatic representatives and other distinguished French and Canadian men and women residing in or passing through Montreal. All students will have an opportunity of conversing with the visitors and asking them questions on subjects of topical interest.

The School extends a cordial invitation to American University Professors of French who may be spending their vacations in Canada, and to their Canadian colleagues. They will always be welcome at the School, and the Director will be glad to authorize them to attend any lectures in which they may be interested, or, if space permits, to spend a few days in the refreshing atmosphere of the French House.

"MONTRÉAL, — UNE GRANDE MÉTROPOLE D'UN MILLION ET DEMI D'HABITANTS, DONT LES DEUX-TIERS SONT DES CANADIENS DE LANGUE FRANÇAISE . . . CE N'EST PAS SANS RAISON QUE L'ON A PU DIRE: MONTRÉAL EST LA PLUS GRANDE VILLE FRANÇAISE DU MONDE APRÈS PARIS."

THE FRENCH SUMMER SCHOOL OF McGILL UNIVERSITY

The McGill French Summer School is an old-established institution. Its first session dates back to 1904 and it has functioned uninterruptedly since 1922. It is the only School conducted on the McGill campus during the summer. An integral part of the Faculty of Arts and Science, its credit-carrying courses are of college and university standard, leading to graduate degrees in French.

THE UNIVERSITY AND ITS CULTURAL ENVIRONMENT

McGill University was established by Royal Charter in 1821 and carries on, in Canada, British traditions of education. It is situated in Montreal, the largest city of the historic Province of Quebec, where the language and much of the culture of Old France persist. Montreal is a modern cosmopolitan city, too, the centre of an active and growing contemporary culture which expresses itself in a distinctive literature and art.

The French Summer School of the University enjoys great advantages in consequence of its situation in Montreal and French Canada. Nowhere save in the Province of Quebec can we find on the North American continent a community that uses French as its native tongue, finds its inspiration in French literature and drama, and obtains its daily news from French newspapers and French radio announcers. The environment naturally has a French atmosphere.

THE AIMS OF THE SCHOOL

The School is designed for all who desire to take courses of lectures on French thought, literature, or civilization, *and at the same time gain a practical working knowledge of the language.*

High School Seniors will find it the best preparation for College courses.

University or college undergraduates may take lectures and language courses which are equivalent to regular college courses.

University graduates and teachers of French desirous of perfecting their knowledge of the language and literature have an opportunity to take advanced courses of graduate standard.

Those who desire to study for a Master's degree at McGill University itself without being able to attend the regular winter sessions of the University are offered a programme which can be spread over four summers

and which, when supplemented by the regular thesis in French, leads to the McGill M.A. degree.

Besides those with such professional interest, there are many who love the language and literature of France for its own sake and wish to continue studying the subject in favourable surroundings. The School accommodates these persons in its courses insofar as they are qualified for the particular courses they wish to take.

FEATURES OF THE 1958 SESSION

1. Our Visiting Professor.

The School takes pride in announcing the appointment of Dr. Pierre Brodin as Visiting Professor for 1958.

Dr. Brodin is well known in the United States as a scholar and lecturer. He has been for many years Director of Studies at the French Lycée in New York City, and Dean of Humanities at the French University in New York. He has lectured in many colleges and universities: Brooklyn, Hunter, Middlebury, Mills, Oklahoma Agricultural and Mechanical, Columbia, and McGill, as well as at the United Nations.

A long time President of *la Société des professeurs français en Amérique*, and a *Conférencier général de l'Alliance française*, he is also well known to members of various chapters of the American Association of Teachers of French as a lecturer on French literary subjects. His numerous publications, particularly the three volumes of *Présences contemporaines*—a most valuable guide for students of modern French literature—earned him a high reputation. His articles appear in many periodicals and newspapers: *The French Review, le Figaro, la Revue d'histoire moderne, la Revue de Paris, France-Amérique*, etc.

No one on this continent could be better qualified to lecture to American and Canadian audiences on Sartre, Camus, and other outstanding contemporary French writers.

2. A new course: APPLIED LINGUISTICS FOR TEACHERS OF FRENCH.

Two schools of thought, two methods seem to be in conflict in the teaching of modern languages today. Some teachers consider language mainly in relation to literature, and since writing enjoys great prestige as a permanent record and vehicule of literature, they favour acquisition of the written language from the very beginning. Their ideal method remains the reading-grammar approach. However other teachers, relying on scientific analysis of language, affirm that

sound and speech habits should be taught and mastered before concentrating on written language and literature. We are of the opinion that the two approaches are complementary rather than conflicting, and should be used at different stages of language teaching.

The aim of the course will be to show that new methods based upon modern linguistic research provide efficient ways of mastering a foreign language, hence opening the royal road to foreign literature and civilization.

(See description of the course on page 35)

3. Course on FRENCH IN DIPLOMACY AND PROTOCOL TO-DAY.

For centuries French has been the only diplomatic language, and still is one of the main languages used in diplomatic circles as well as in international organizations and conferences.

In order to help the growing number of university students contemplating diplomatic or international careers, the French Summer School has offered since 1956 a specialized course on French in diplomacy and protocol to-day.

Like other French Summer School courses, it is given entirely in French. The instructor is a professor with twenty-five years' experience in diplomatic service, including positions of responsibility at the highest governmental level.

(See description of the course on page 34.)

4. Language Practice Laboratory

While the more advanced students will, as previously, use the equipment of the Phonetics Laboratory in the Arts Building, the less advanced, who need considerable aural-oral practice to acquire fluency, may avail themselves of the Language Practice Laboratory, which will, for their benefit, be set up in the Library of Douglas Hall. This laboratory consists of turntables equipped with earphones allowing groups of three to work with the same record at the same time, and tape-recorders with which students can check their own pronunciation. Lessons which have been taught in the lecture room in the morning will be available in record form in the afternoon, and it is hoped that the laboratory will be in constant use. It is not intended to replace the voice of the instructor, but it will allow students doing their assignments constantly to associate the spoken with the written words. Experience has shown that this will speed their progress considerably.

All records will be cut by staff members, and some courses (for instance, Courses 1, 3, 4, 13, 14 and 32) will be recorded in their entirety.

5. French Song Groups

An Instructor has been especially appointed to lead groups in the singing of French and French-Canadian songs. The value of singing in a foreign language as an approach to the sounds and rhythms of the language cannot be too much stressed, and all students are advised to avail themselves of this opportunity to learn French "par la joie."

6. Dramatics

The School has always been noted for the polish and ingenuity of the production of their French plays, and all the students who acted in them have agreed that the experiment had considerably improved their confidence in the use of spoken French.

The benefits accruing from this should not be limited to a few advanced students, but should be available to the whole student body. To increase the possibility of gaining this valuable experience, a number of easy, short scenes will be offered by Section A and B students. They will be performed, arena-style, before the final examinations take place, and it is hoped that students of all Sections will take advantage of this opportunity to improve their spoken French by this vivid and direct method.

(See also description of course 25, on page 4030)

7. Evening Lectures

In order to give students opportunities to listen to fresh voices and, at the same time, broaden their knowledge of the cultural background of present-day France a number of evening lectures, open to students, guests, and friends of the School, have been arranged.

M. Jean MOUTON, *Agrégé de l'Université de France, Conseiller Culturel auprès de l'Ambassade de France à Ottawa,* will again be a very welcome visitor at the School.

An art-critic of European repute, M. Mouton will give four lectures on some of the most celebrated and representative French painters. His talks will be illustrated with coloured slides and their subjects will be:

1. *Lorrain*
2. *Chardin*
3. *Renoir*
4. *Braque*

M. Pierre BRODIN, *Visiting Professor for 1958,* has chosen for his topic:

Voltaire en robe de chambre

M. André MALAVOY, *licencié ès lettres, diplômé de l'École des sciences politiques (Paris), directeur d'agence de voyage,* will speak on

Châteaux et parcs français du XVIIe siècle

M. André RIGAULT, *Director of the School,* will give an up-to-date picture of

Les réalisations techniques de la France contemporaine

8. Tour of Montreal

At the beginning of the session, one afternoon will be devoted to a brief bus tour of Montreal. The programme will include a visit to the University of Montreal, the St. Lawrence rapids, the Lachine canal, and various other sight-seeing points. Several famous shrines and the port of Montreal will also be visited and refreshments will be served (these are included in the $1.00 cost of the trip).

9. Excursion to Quebec City

As the majority of the students will be paying their first visit to the Province of Quebec, it is expected that most of them will not want to leave it without first seeing the ancient fortress-city of Quebec and touring the delightful country which has been—and still remains—the spiritual, cultural, and national centre of French-Canada.

To help them derive the maximum benefit and enjoyment from the School—and to provide some much-needed relaxation after three weeks of courses—an excursion to Quebec will be organized in the middle of the session.

The journey to and from Quebec will be made by rail (special coach). Overnight accommodation in Quebec City will be provided. Students will have a chance to discover for themselves the charm of the city on Saturday evening. On the Sunday morning, the group will take buses for conducted visits of the Plains of Abraham, the Citadel, and the Houses of Parliament. A short run will take them to the Montmorency Falls and the famed shrine of Ste. Anne de Beaupré, where lunch will be served at the Pilgrim's Guest House. The afternoon programme will include a visit to Lac Beauport and the Provincial Zoological Gardens at Charlesbourg where can be seen, in picturesque surroundings, many specimens of the wild fauna of Northern Canada. The return trip to Montreal will take place on Sunday evening.

This will be the major School-sponsored excursion, and as it requires considerable preparation, students are urged to make their reservation on Registration Day.

The cost of the Quebec excursion, covering transportation, accommodation, fees, and meals, has been kept down to $19.00.

THE THREE SECTIONS

The individual courses consist of three class sessions per week in the form of lectures and of small groups for language practice. They are arranged in three grades of increasing difficulty, designated respectively as:

SECTION A (Elementary)
SECTION B (Intermediate)
SECTION C (Advanced)

Courses in SECTION C are counted, in certain circumstances, toward the M.A. degree in French at McGill University (see page 4035).

For M.A. students special research colloquia may be arranged.

ADMISSION REQUIREMENTS

General: For the courses of each Section there are certain admission requirements which are described below in terms of college standing, but the School accepts any equivalent preparation through travel or residence in France or through private study. NO BEGINNERS ARE ADMITTED, since a working, even if limited, knowledge of the language is required for admission to Section A. On the day of registration each student is interviewed by members of the teaching staff who recommend the section and the courses for which he is best prepared.

Section A (Elementary):

Candidates are normally required to have completed two years of high school French, or one year of College French, or the equivalent.

Section B (Intermediate):

Candidates are normally required to have second or third year college standing. They must have a fair knowledge of French grammar, a working vocabulary of 1200 to 1500 words, and some degree of facility in the spoken language.

Section C (Advanced):

Candidates are normally required to have fourth year college standing. They must have the ability to speak French fluently and have a general knowledge of French literature.

AGE AND HEALTH REQUIREMENTS

The School cannot accept students who are still *under 16 years of age* on the day of Registration (26th June).

Students suffering from a physical disability should write confidentially to the Director and inform him in advance of their condition. He will advise them whether or not their registration can be accepted.

Students under medical treatment cannot be accepted if the latter entails nursing attention or a special diet which the School cannot provide.

OPENING DATE

The School will open on Thursday, June 26, and close on Friday, August 8.

Students in residence at the French House will be permitted to spend the night of June 25-26 in the residence *provided* that they give due notice to the School Secretary and arrive between 5 P.M. and 10 P.M. on June 25.

No meals will be served before breakfast on June 26.

REGISTRATION

Registration will take place in the Arts Building, on Thursday, June 26.

Students will register according to the following schedule:

Students in residence at Douglas Hall:

(*a*) *Section A students* will register on the morning of Thursday, June 26 from 9:30 A.M. to 12:30 P.M.

(*b*) *Section B and Section C* students will register on the afternoon of Thursday, June 26 from 2:30 P.M. to 5:30 P.M.

Non-resident Students:

All non-resident students will register on the morning of June 26 from 9:30 A.M. to 12:30 P.M.

Lectures will begin at 9 A.M. on Friday, June 27. The Opening Ceremony will take place in the evening of Thursday, June 26, in the common-room of Douglas Hall (French House).

Special arrangements will be made for teachers who are unable to leave their duties in time to reach Montreal for registration on the first day, provided that they give due notice of the delay in their arrival.

FEES

Registration Fee	$ 25
Tuition fee for full-time students	125
Residence (room and board)	180
Fee for a three-hour course taken as a partial course	35
Quebec excursion and Montreal Tour (optional)	20

FEES FOR M.A. STUDENTS (see page 4037)

FEES ARE PAYABLE IN CANADIAN FUNDS. As the Announcement goes to press, the rate of exchange is approximately 98 Canadian cents to one U.S. dollar (or $1 Canadian = $1.02 U.S.)

Students should pay all fees in cash or by cheque drawn on a Canadian Bank at the time of registration.

After registration has taken place, no fees will be refunded to any student who:

(*a*) leaves the School without permission of the Director or Assistant Director;

(*b*) is dismissed from the School by the Dean.

Should a student's presence be required at home during the session (in case of illness or domestic affliction), he must first obtain permission to leave from the Director or the Assistant Director. A refund of fees will later be arranged according to the circumstances of each individual case.

CORRESPONDENCE

All correspondence concerning the French Summer School should be addressed to:

The Secretary, French Summer School,
Arts Building,
McGill University,
Montreal 2, Canada.

APPLICATIONS, ACCOMPANIED BY A LETTER OF RECOMMENDATION AND THE REGISTRATION FEE OF $25.00 IN CANADIAN FUNDS, SHOULD BE RECEIVED BEFORE JUNE 15. The registration fee may be withdrawn on or before that date. In case of cancellation after June 15, it will be held until the following session, after which it will be forfeited.

Students intending to stay in the French House should apply as early as possible.

VETERANS

The School has been approved as one of the recognized institutions where U.S.A. and Canadian Veterans may continue their studies. The School tuition fees will therefore be paid by the Department of Veterans' Affairs provided that:

(*a*) U.S. students obtain a Certificate of Eligibility from their local Veterans' Administration Agency.

(*b*) Canadian students obtain a Certificate of Eligibility from their local D.V.A. representative.

The Certificate of Eligibility should be delivered to the Cashier at the time of registration. Failing this, the fees must be paid in full, subject to refund when the Certificate is received.

Veterans in residence will be required to pay the $25.00 registration fee, which will be deducted from the residence charge as the latter will NOT be paid for by D.V.A.

STATUS OF STUDENTS IN THE SCHOOL

(1) FULL-TIME STUDENTS: those paying the full tuition fee and taking the number of courses necessary to qualify for the Certificate.

(2) PARTIALS: those registering for fewer than five courses.

M.A. STUDENTS are considered as full-time throughout the four sessions leading to the degree, since they pay the full tuition fee.

A partial student may not hold a scholarship.

Full-time students receive priority in room reservation. Partials may be accommodated in the French House only after the registration of regular students has been completed and if space permits.

SCHOLARSHIPS AND PRIZES

Eight scholarships will be offered for the 1958 session of the French Summer School.

I. *Seven scholarships*—granted by McGill University and the French Government—the value of which usually varies from $75 to $150 will be offered to students of colleges and universities in Canada and the United States;

II. *A $150 scholarship*, offered by the Secretariat of the Province of Quebec, will be specially reserved for an English-speaking Canadian who teaches French in a Canadian high school, college, or university.

These scholarships are open only to those students who:

(a) are qualified to enter the intermediate or the advanced section;

(b) undertake to reside at the French House during the session;

(c) take the courses and final examinations necessary for the French Summer School Certificate.

Applications for scholarships should reach the School Secretary on or before May 30. Each application should be supported by

(a) an official transcript of grades sent by the Registrar of the institution attended by the applicant;

(b) TWO confidential letters of recommendation sent *direct* to the Director of the School (Arts Building, McGill University).

Successful applicants will be notified before June 10.

At the School Closing Exercises, a number of book and other prizes will be awarded to students obtaining the highest grades in the final examinations.

FINAL EXAMINATIONS

A final examination is held in each course at the end of the session. Students are strongly recommended to take the final examinations, which are open to partial as well as to full-time students.

Students who fail to write examinations receive no marks, and their work and progress at the School cannot be assessed formally.

No substitute examinations can be arranged in any circumstances whatever.

THE FRENCH SUMMER SCHOOL CERTIFICATE

The curriculum leading to the FRENCH SUMMER SCHOOL CERTIFICATE in any of the three Sections is a definite programme of study which always includes practical work with the language. It aims at building an organized knowledge of the major aspects of the subjects. At the same time it is sufficiently flexible to be adapted to the previous training, aptitudes, and interests of individual students. For this reason members of the Staff advise each student at Registration. Their guidance is also available to those who do not wish to try for the Certificate.

The Certificate is a document bearing the signatures of the Dean of the Faculty of Arts and Science, the Registrar of the University, and the Director of the School. It is a record of the courses taken and the grades obtained in the final examinations.

In order to qualify for the Certificate:

Students in Section A must *take and pass* 6 examinations (5 if they have taken Course 1).

Students in Section B must *take and pass* 5 examinations.

Students in Section C must *take and pass* 5 examinations.

A First Class Certificate is awarded for results averaging not less than 80%.

A Second Class Certificate is awarded for results averaging between 79% and 65%.

A Third Class Certificate is awarded for results averaging between 64% and 50%.

STATEMENTS OF EXAMINATION RESULTS

Students failing to qualify for a Certificate (either because they took less than the prescribed number of examinations, or because they failed in one or more examination) receive a STATEMENT OF EXAMINATION RESULTS. This is a document signed by the Director of the School which lists the examinations passed by a student. Failures are not listed.

ACADEMIC CREDITS

Credits may be transferred from the French Summer School to other institutions, usually on the basis of one semester hour for each course taken.

Application for transfer of credits should be addressed to the Registrar of the University, who will forward an official transcript of French Summer School grades on payment of a fee of $1.00. Students who intend to apply such credits towards a degree are recommended to obtain the consent of their own institution to the transfer of French Summer School credits before joining the School.

ACADEMIC CREDIT FOR McGILL STUDENTS

McGill students may, in certain circumstances, and by taking a prescribed set of French Summer School courses, obtain credit for a First or a Second year French course taken during the regular session in the Faculty of Arts and Science.

McGill students wishing to avail themselves of this opportunity *must*, before completing registration, first obtain permission from the Dean of the Faculty.

THE FRENCH HOUSE

The residence used as a French House during the 1958 session of the School will be Douglas Hall (postal address—3851 University St.).

Douglas Hall is a handsome stone residence of modern design, consisting of eight adjoining "houses" opening on a tree-shaded lawn, in the style of an English country house. It is pleasantly cool in the summer and adjoins playing fields and a large public park. It contains among other amenities a stately Tudor dining-hall, a spacious common-room, a library, and games rooms.

Men and women students will be accommodated in different "houses". They will have single study-bedrooms. The latter are grouped in suites of three or five, each suite having its own sitting-room.

There are a few double rooms. These will be allotted last unless specially requested, and no reduction of residence fee will be made to their occupants.

All rooms are completely furnished. Linen, towels, and blankets are provided.

Meals (breakfast, luncheon, and dinner) are served on the cafeteria system every day, including Sunday, and are under the supervision of a qualified dietitian.

All members of the staff are in residence and associate freely with students at meals, in the Common Rooms, and in extra-curricular activities. This constant, helpful, and friendly relationship between students and staff is one of the most valued features of the School and the benefits derived by the students from such informal education cannot be too strongly emphasized.

HEALTH SERVICE

Students in residence in the French House will have the benefit of the University Health Service for counselling and guidance. For emergencies recourse can be had to the Royal Victoria Hospital clinic which adjoins Douglas Hall. Referral to a private physician for other treatment will be arranged but the School cannot assume any responsibility for medical treatment.

In case of illness, the student concerned will be required to pay his medical and hospital fees.

CARS

Sufficient parking space will be available on the terrace fronting on Douglas Hall, and resident students will be supplied with parking permits as necessary.

ARRANGEMENTS FOR STUDY AND RECREATION

Regular lecture classes are held in the Arts Building, in the centre of the University campus.

The mornings are devoted to lectures from 9 A.M. to 1 P.M. *Students are required to attend all the lectures for which they have registered.*

The afternoons are free for private study and recreation. However, students *should* attend:

The *French Song Groups*, directed by Mlle Maryvonne Kendergi, which will meet every week day in the Common Room at 2 P.M.

Monday and Wednesday meetings will be exclusively for Section A students.

Tuesday and *Thursday* meetings will be for Section B and Section C students only.

Some afternoons will be set apart for conducted visits through the French district of Montreal, the French-Canadian Université de Montréal, and points of interest in and out of the city.

During the evenings there will be:

EACH WEEK: A special lecture
A concert of recorded French music
A showing of French movies

DURING THE SESSION: A students' concert
A treasure-hunt
Two or three evenings of French dramatics

In the reading room, students find daily and weekly newspapers from French-speaking countries.

A TV set in the common room enables them to watch the excellent programmes from the French Television Network in Montreal.

The "Festival de Montréal" begins during the session. Every summer French plays are performed by the best professional Montreal troupes.

In addition, the City of Montreal offers a number of popular attractions, such as the weekly open-air "Concerts Symphoniques" given in the evening on Mount Royal and scores of French restaurants and motion-picture theatres.

For those with a taste for athletics, the University tennis courts and swimming-pool are available on payment of a small fee. (*Note: Whites are required for tennis and no woollen bathing-suits are allowed in the pool.*) The Laurentian Mountains, one of Canada's noted summer play-grounds, are within easy reach by car or train for students who would like to spend short week-ends there.

Those who wish to attend religious services with a French congregation will find both Protestant and Roman Catholic churches within easy walking distance of Douglas Hall.

USE OF FRENCH

Since the French Summer School aims at creating and preserving the spirit and the atmosphere of a French University best suited to needs of originally English-speaking students, it is natural that French should be the language spoken, to the exclusion of all others.

THE EXCLUSIVE USE OF FRENCH *AT ALL TIMES*, IN AND OUT OF CLASS, AND ESPECIALLY IN THE FRENCH HOUSE, IS THEREFORE *ABSOLUTELY COMPULSORY*.

On registering, students will sign a form pledging them to the *NO ENGLISH RULE* for the duration of the session. This rule will come into force immediately after the conclusion of the Opening Ceremony, on 26 June. The rule means that students are in honour bound to speak French when conversing among themselves as well as when talking to the staff. It should not even be necessary to depart from the rule when visiting or shopping in the city of Montreal where French is universally spoken.

The rule may be relaxed in special cases only (illness, visits from and to relatives, or when matters of special importance must be attended to urgently).

The co-operation of all students is expected in maintaining the *NO ENGLISH RULE*. Those who may be doubtful about their ability to keep it strictly should remember that the effort required of them will be less and less as the session progresses. They should bring with them such helps as vocabularies, conversation books, and pocket dictionaries, which will be very useful for the first few days. However, they will soon find that they can dispense with them. As their command of spoken French improves rapidly, they will experience a feeling of achievement, and the greater their enthusiastic adherence to the rule, the better and quicker their progress.

Telephone calls involving the use of English are forbidden in the residence, nor can friends unable to speak French be entertained in the French House.

Students should, in their own interest, refrain from reading English newspapers (seven French newspapers are published in Montreal and French newspapers are received by air-mail from France every day), and listening to radio broadcasts in English (there are five French-speaking radio stations and one French-speaking TV station in Montreal).

Any student who persists in breaking the *NO ENGLISH RULE* will be brought before the Dean of the Faculty of Arts and Science, who may dismiss him from the School.

REDUCED RAILWAY FARES

Arrangements have been made whereby students may obtain reduced fares from all points in Canada. Students wishing to avail themselves of this reduction should buy a single ticket and obtain at the same time a "Standard Certificate". This certificate must then be signed by the Director of the School. On presenting it at the railway ticket office, students may obtain a return coupon at the reduced fare (one-third of the cost of a one-way ticket).

U.S. students from the Great Lakes area will find it advantageous to break their journey at the Canadian border so that they may avail themselves of the reduced fare for the remainder of their passage to and from Montreal.

BAGGAGE

The following is an extract from a memorandum (Series D, No. 12, Supplement No. 1, 15th January, 1936) of the Department of National Revenue, Customs Division:

> "Radios, phonographs, musical instruments and other effects for personal and sporting use, not ordinarily entitled to entry free of duty as travellers' baggage, may be admitted without payment of duty and without deposit provided they are reported to the Customs Office and provided that these articles are imported for the use of the students themselves and will be exported under Customs supervision immediately after the closing of the School."

IMMIGRATION REQUIREMENTS

Students who are not residents of Canada should bring with them for presentation to Canadian Immigration officers the letter informing them that they have been admitted to the School for the 1958 session.

United States citizens should carry some documents of identification such as old passports, birth or baptismal certificates, tax bills, and similar papers in order to facilitate their return to their country.

Students who are citizens of the United States by naturalization should carry their naturalization certificates, and those who have not acquired such status should present evidence that they are legally in the United States and that they will be allowed to re-enter that country after their temporary stay in Canada.

BANKING ARRANGEMENTS

It is recommended to out-of-town students that they bring letters of credit or use traveller's cheques, rather than draw ordinary cheques on their home banks.

COURSES OF INSTRUCTION

SECTION A

Students wishing to qualify for the Certificate must take not less than *six* courses. Course 1, being a six hour course, will be counted as equivalent to two normal courses. Students taking Course 1 need include in their curriculum 4 other courses only.

1. LIVING FRENCH : A NEW ORAL-AURAL APPROACH TO SPOKEN FRENCH

This basic course aims at:

(*a*) developing the student's familiarity with the sounds of the French spoken in everyday life by well-educated French people;

(*b*) building up a comprehensive, organized knowledge of the vocabulary which recurs most frequently in polite conversation;

(*c*) increasing the student's general fluency in speaking French by individual and group practice under experienced specialists.

All Section A students who, at the time of registration, experience difficulty in understanding French when spoken slowly are recommended to take this course. The size of the classes will be strictly limited and students will be grouped according to their proficiency.

Recorded material for this course will be available at the Practice Laboratory.

Mon., Tues., Wed.,
Thurs., Fri., Sat. at 9.

Mlle La Mothe
M. Rabotin
Mlle Reverchon
M. Romer

2. FUNCTIONAL GRAMMAR

This course, which will consist of oral and written work, will include:

(*a*) a revision of the rules of French grammar which the average student generally finds somewhat difficult to master (e.g. use of tenses, especially infinitive and subjunctive, relative pronouns, past participles, etc.);

(*b*) written translation work from English into French for the purpose of general grammar review.

Mon., Wed., Fri. at 10.

M. DARIOSECQ
M. EUVRARD
Mlle LA MOTHE

3. EVERYDAY WORDS AND PHRASES

A systematic study of vocabulary selected for its practical value. Special emphasis will be laid on the fitting of new phrases into the pattern of conversation.

Mimeographed material will be supplied and phonograph records for this course will be available at the Practice Laboratory.

Mon., Wed., Fri. at 11.

Mlle CHAMPIGNEUL
M. EUVRARD
Mme KUSHNER

4. THE STUDY AND PRACTICE OF FRENCH SPEECH HABITS

This course is designed to develop the student's familiarity with French speech habits. Its aims are:

(1) To emphasize the wide differences between spoken and written French and, by intensive drill, to accustom the student's ear to French sounds and rhythms, as well as to help him recognize words within the context of the spoken sentence—in other words to *hear* French;

(2) to improve the student's French pronunciation by individual and group practice of vowels, consonants, rhythms, and intonation. Exercises will include the learning and repetition of carefully graded passages of conversational and literary French.

Phonograph records for this course will be available at the Practice Laboratory.

Tues., Thurs., Sat. at 11.

Mme BRODIN
Mme DARIOSECQ
M. PENOT

5. MODERN FRENCH PROSE

The purpose of this course is to improve a student's ability to read quickly, yet accurately, modern French prose of quality. The course is recommended to students who will require later on a good reading knowledge of French.

Tues., Thurs., Sat. at 10.

Mlle CHAMPIGNEUL
M. DARIOSECQ
Mme FURNESS

6. LANDMARKS IN 19TH CENTURY FRENCH LITERATURE

This course is specially designed for college students. It will be given in lecture form and will require a somewhat higher standard of aural comprehension than the courses listed above. It will *not* be a general survey course, but will be a vivid presentation of the outstanding literary figures of the period.

Mimeographed material will be supplied for this course.

Tues., Thurs., Sat. at 12. M. CHAVY

7. THE FRENCH SONG

French songs belong to all periods of French history and to all classes of French society. They are one of the best means of understanding France and its civilization: its history, geography, customs, and language.

A selection of French songs from the Middle-Ages to modern times will be studied in this course. Students will be both audience and artists, as they will take part in the singing of the songs on the programme. Audio-visual aids will be used.

Mon., Wed., Fri. at 12:15 Mlle KENDERGI

(Douglas Hall Common Room)

SECTION B

Students wishing to qualify for the Certificate must take not less than *five* courses and include in their curriculum *three* courses in Language (one of which must be Course 10 or Course 11 or Course 12) and *two* courses in Literature and Civilization. In certain circumstances, this proportion may be altered with the Director's permission.

Language Courses

Courses will be given at different hours to allow a greater number of students to fit them into their individual time-tables.

10. COMPOSITION AND TRANSLATION

The purpose of this course is to review grammar whenever the opportunity occurs and to develop accuracy in the use of vocabulary and correctness in syntax by means of graded exercises, short compositions, and translations into French.

Tues., Thurs., Sat. at 9.	Mme Kushner
at 10.	Mlle La Mothe
at 11.	Mlle Champigneul

11. FREE COMPOSITION

The aim of this course is to develop fluency in written French by practising the forms of writing which students are most likely to need: letters, summaries, reports, essays, etc.

Tues., Thurs., Sat. at 9.	M. Euvrard
at 10.	Mme Dariosecq

12. ORAL PRACTICE IN SELF-EXPRESSION

This course will consist of prepared discussions on assigned subjects with special emphasis on correct sentence building and on accuracy in the use of an idiomatic vocabulary.

Tues., Thurs., Sat. at 9.	M. Dariosecq
at 10.	Mme Brodin
at 11.	Mme Kushner

13. FRENCH PHONETICS

An elementary but attractive study of French sounds and of their rendering in the symbols of the International Phonetic Alphabet. The course will include periods of intensive practice in the afternoons when

correction of individual speech defects will be given special attention. Students will have at their disposal up-to-date phonetic equipment and recording machines of various types.

Mimeographed material will be supplied and phonograph records for this course will be available at the Practice Laboratory.

Mon., Wed., Fri. at 9.	M. PENOT
at 10.	Mme BRODIN
at 11.	Mme DARIOSECQ

14. DICTION

This popular course aims at a better appreciation of the aesthetic qualities of French used orally in prose and in verse. It will feature a number of special exercises designed to correct defects in pronunciation and intonation.

Mimeographed material will be supplied and phonograph records for this course will be available at the Practice Laboratory.

Mon., Wed., Fri. at 9.	Mme DARIOSECQ
at 10.	M. CHAVY

15. EXPLICATION DE TEXTES

This course is an introduction to the analytic French approach to the detailed study of literature. The method will be demonstrated and practised on selected passages of high literary and artistic quality. As the course bridges the gap between language and literature courses, College students majoring in French will find it both helpful and stimulating.

Mon., Wed., Fri. at 9.	Mme FURNESS
at 10.	Mme FURNESS
at 11.	Mme BRODIN

LITERATURE AND CIVILIZATION COURSES

20. AN INTRODUCTION TO FRENCH POETRY

Thoughtful appreciation of French poetry is the keynote of this course. The student will discover the structure of French poetical expression, the quality of its symbolism and the variety of its themes. He will learn to analyse the elements of a poem. Rather than an end in itself, such analysis will be the means of probing the relationship between harmony and thought in French poetry: a rewarding and lively search for the individual poet's conception of beauty.

The following book will be used:

J. W. Kneller and H. A. Grubbs: *Introduction à la poésie française* (Oberlin)

Mon., Wed., Fri. at 10. Mme KUSHNER

21. THE FRENCH STAGE IN THE EIGHTEENTH CENTURY

This course will provide a survey of comedy, tragedy, and drama from 1700 to 1789. The Age of Enlightenment was extremely fond of the Theatre, and the latter faithfully reflects the changing tastes of the period, including both a cynically refined attitude toward love and a growing concern over social and moral problems.

Among the many interesting productions of the century, the following have been selected for special study:

Regnard: *le Légataire universel;* Lesage: *Turcaret;* Voltaire: *Zaïre;* Marivaux: *les Fausses Confidences;* Sedaine: *le Philosophe sans le savoir;* Beaumarchais: *le Barbier de Séville* (Classiques Larousse)

Tues., Thurs., Sat. at 10. Mlle REVERCHON

22. THE FRENCH NOVEL IN THE ROMANTIC AGE

The aim of this course is to make the student familiar with three prominent novels, each of which illustrates a significant trend in the French literature of the second quarter of the 19th century. These works have played a major part in making the novel the all-embracing literary genre it is today.

The following novels will be read:

Victor Hugo: *Notre-Dame de Paris* (Flammarion); Stendhal: *le Rouge et le Noir* (Scribner's); Balzac: *le Père Goriot* (Scribner's)

Mon., Wed., Fri. at 9 M. DARIOSECQ

23. FRENCH POETS FROM 1850 TO 1900

A course based on textual study of individual poems of the late 19th century: it will insist on those poets who fostered the subsequent development of the 20th century poetry: Baudelaire, Rimbaud, Corbière, Laforgue, and Verlaine.

An outline of the course, and the text of the poems will be distributed.

Tues., Thurs., Sat. at 11. M. EUVRARD

24. FIVE CONTEMPORARY FRENCH NOVELS

Five important novels of the 20th century will be read and discussed in this course. Each of the works selected illustrates one of the characteristics of the French contemporary novel. The order in which they will be studied is not chronological: it is rather based on increasing richness and complexity.

The following novels will be read:

Julien Green: *Moïra* (Plon); François Mauriac: *Thérèse Desqueyroux* (Grasset); Albert Camus: *la Peste* (Gallimard); Georges Bernanos: *le Journal d'un curé de campagne* (Plon); André Gide: *les Faux-Monnayeurs* (Gallimard)

Tues., Thurs., Sat. at 9. M. BRODIN

25. FROM BOOK TO STAGE

A study of four complete comedies from the classical repertory of the Comédie française, and scenes from three modern playwrights.

Classes will be divided into two periods: one of literary analysis of the texts; and one of practical work on the stage, with special emphasis on French elocution, and the use of recordings by well-known French actors. Students taking this course will be expected to take part in the final "Production" of the French Summer School and to attend rehearsals several times a week, afternoons or evenings. No previous acting experience required.

On the programme:

Molière: *le Malade imaginaire, Tartuffe;* Beaumarchais: *le Mariage de Figaro;* Musset: *le Chandelier;* Romains: *Knock;* Pagnol: *Marius;* Anouilh: *l'Invitation au château.*

Mon., Wed., at 11:15 Lecture M. RABOTIN
at 12:15 Practice

(Douglas Hall Reading Room)

26. THE THIRD GOLDEN AGE OF FRENCH MUSIC

This course is designed to acquaint students with the evolution of French music from 1850 to the present day. It will be illustrated with records and, whenever possible, with the collaboration of the students themselves. It adds an important factor to the appreciation of French culture in this period and will contribute to the understanding of artistic life in France today.

Tues., Thurs., Sat. at 12:15. Mlle Maryvonne KENDERGI

(Douglas Hall Common Room)

SECTION C

Students wishing to qualify for the Certificate must take not less than *five* courses.

M.A. students must take certain courses listed on page 4037.

Language Courses

30. FRENCH STYLISTICS

While stylistics is a relatively new province of the vast field of linguistics, experience has shown that students of graduate calibre desirous of writing French with better than textbook accuracy derive great benefit from a serious study of it.

The complexity of the subject would however make a survey of it comparatively useless. Details must be gone into and, for that reason, the substance of the course has been evenly divided between 30(a) and 30(b), both of them full courses which will be offered in alternate years.

30(a) which deals with homonymy, synonymy, comparisons, images, the uses of various figures of speech, and the syntax of informal French, was given in 1957 and will again be offered in 1959.

30(b)—to be given in 1958—will offer a review of the "levels of speech" and through a close study of selected modern prose passages, analyse the means devised by creative writers to clothe their ideas and feelings in a truly artistic and literary garb.

This is a compulsory course for M.A. students, and those who have not taken *Course 30* in a previous year will be required to take both *30(a)* and *30(b)* over two separate years.

Tues., Thurs., Sat. at 11. M. Chavy

31. ADVANCED COMPOSITION

An intensive seminar in translation from English into French. The passages translated will be taken from modern English and American writers. Written work will be assigned for each class and will be individually corrected. The size of the class will be limited to a small group.

Mon., Wed., Fri. at 10. Mlle Reverchon

32. ADVANCED PHONETICS

This course is open to students who have passed course 13 or its equivalent.

Review of the formation of French sounds and the laws governing their occurrence. Dynamics of speech (vocal harmony, assimilation, rhythms, and patterns of intonation).

This course will include the study of texts ranging from everyday familiar French to academic discourse and poetry, in order to bring out the phonetic features of the different levels of speech.

The course is recommended to teachers of French.

Phonograph records for this course will be available at the Practice Laboratory.

Mon., Wed., Fri. at 9. M. RIGAULT

COURSES IN LITERATURE AND CULTURE

40. LES CHEFS-D'OEUVRE LITTERAIRES DU MOYEN AGE FRANÇAIS

Ce cours se propose de donner une idée générale des genres littéraires qui ont fleuri au Moyen Age, en s'attachant plus spécialement à l'étude des oeuvres qui, de la *Chanson de Roland* à Villon, illustrent cette première période, passionnante et souvent méconnue, de la littérature française.

Les livres indiqués ci-dessous présentent les textes à étudier dans une langue quelque peu modernisée afin d'en rendre la lecture plus facile aux non-spécialistes et permettre ainsi d'en mieux goûter la valeur littéraire. L'intérêt linguistique de cette étude ne sera pas pour autant négligé, car l'explication de passages tirés directement des manuscrits donnera d'utiles renseignements sur l'état de la langue à l'époque de l'ancien et du moyen français.

Au programme: *Florilège du Moyen Age* (Classiques France, Hachette); *la Chanson de Roland, les Romans courtois, Chrétien de Troyes, le Roman de Renart, le Théâtre comique au Moyen Age, le Théâtre religieux au Moyen Age, la Littérature morale au Moyen Age* (Classiques Larousse)

Mon., Wed., Fri. at 9. M. CHAVY

41. RACINE

"Racine a bien de l'esprit," répondait Louis XIV à Madame de Sévigné "charmée" par la représentation d'*Esther*. Nous chercherons, par l'étude approfondie de six tragédies, à découvrir comment Racine sait

" . . . à l'aide d'un acteur,
Emouvoir, étonner, ravir un spectateur"

et comment cette oeuvre—la plus parfaite expression du génie classique—nous permet de retrouver, au-delà de l'auteur avec ses dons intellectuels et artistiques, l'homme avec sa sensibilité et la richesse de sa vie intérieure.

Au programme: *Andromaque, Bérénice, Phèdre, Esther* (Collection Vaubourdolle, Hachette); *Britannicus, Athalie* (Classiques France, Hachette)

Mon., Wed., Fri. at 12. Mlle CHAMPIGNEUL

42. VICTOR HUGO, POETE LYRIQUE ET EPIQUE

Il n'est guère de genre que ce géant de la littérature française n'ait abordé; cependant, il reste avant tout, par la puissance de son imagination et de son invention verbale, un poète de première grandeur dont les recueils lyriques jalonnent la longue carrière. Il a d'autre part fait revivre l'épopée comme forme d'expression poétique.

Nous nous proposons d'étudier les principales oeuvres lyriques et épiques de cet écrivain qui a été pendant près d'un siècle la voix de la France et le chantre sublime des sentiments de l'humanité, et a préparé les voies à la poésie française moderne.

Au programme: *Choix de poésies lyriques, les Contemplations, la Légende des siècles* (Classiques Larousse)

Tues., Thurs., Sat. at 9. Mme FURNESS

43. SARTRE ET CAMUS

Nous nous proposons d'étudier dans ce cours la personnalité et l'oeuvre de deux écrivains qui, révélés l'un et l'autre depuis la Seconde Guerre mondiale, sont généralement considérés comme les plus importants de leur génération. Une attention toute particulière sera apportée aux questions suivantes: 1) l'existentialisme; 2) la philosophie de "l'absurde"; 3) la technique romanesque de Sartre et de Camus; 4) le théâtre de Sartre; 5) Sartre et Camus aujourd'hui: ce qu'ils représentent dans la pensée contemporaine.

Au programme: Jean-Paul Sartre: *la Nausée, les Mouches* (Gallimard); Albert Camus: *l'Étranger, la Peste, la Chute* (Gallimard)

Tues., Thurs., Sat. at 10. M. BRODIN

44. LE BESOIN DE FRATERNITE ET DE COMMUNION HUMAINE DANS LA LITTERATURE FRANÇAISE CONTEMPORAINE

La recherche plus ou moins consciente d'une éthique fondée sur la fraternité, la solidarité et la responsabilité humaines, constitue l'un des principaux thèmes de la littérature française contemporaine. Nous nous proposons de l'étudier dans quelques romans représentatifs d'écrivains célèbres de l'entre-deux-guerres et de jeunes romanciers apparus depuis 1945.

Au programme: Jean Cayrol: *Je vivrai l'amour des autres* (Editions du Seuil); Georges Duhamel: *Civilisation, le Désert de Bièvres* (Mercure de France); Romain Gary: *les Racines du ciel* (Gallimard); Pierre Gascar: *les Bêtes* (Gallimard): André Malraux: *la Condition humaine, le Temps du mépris* (Gallimard); François Mauriac:

le Mystère Frontenac (Grasset); Jules Romains: *les Copains* (Gallimard); Antoine de Saint-Exupéry: *Terre des hommes, Pilote de guerre* (Gallimard)

Les étudiants devront lire au moins cinq des oeuvres mentionnées ci-dessus.

Mon., Wed., Fri. at 11. M. BRODIN

SPECIALIZED COURSES

50. FRENCH IN DIPLOMACY AND PROTOCOL TO-DAY

This is a specialized course, open to students who are qualified to enter the Intermediate or Advanced Section, and who are interested in diplomatic or international careers.

In order to improve their knowledge of French, students are advised to take this course in conjunction with at least one other course from among the following:

in Section B, (10) Composition and Translation or (11) Free Composition;

in Section C, (30) Stylistics or (31) Advanced Composition.

Students may include this course in the five-course programme required to qualify for the French Summer School Certificate.

In any case, students who take and pass the final examination in FRENCH DIPLOMACY AND PROTOCOL TO-DAY will receive a statement.

The course will deal with the following: categories of diplomatic correspondence and communications: official, semi-official, and personal; form, style, and substance; technical terms and diplomatic usage; forms of address, rank, and official precedence; negotiations and forms of agreements; comparative analysis of diplomatic documents, etc.

The course will be illustrated with practical and historical examples, and will include oral exercices and written assignments. The basic material and documentation have been especially obtained from the Foreign Affairs Departments of Belgium, Canada, France, and Switzerland.

Students intending to take this course are advised to register in advance, as the size of the class is limited to a maximum of 20.

Mon., Wed., Fri. at 10. M. ROMER

51. APPLIED LINGUISTICS FOR TEACHERS OF FRENCH

This course will analyse and discuss some significant trends in the field of linguistics and their possible applications to the teaching of French.

The following points will be stressed: Spoken French vs. written French? Structure of the French language: patterns of sounds, of words, of phrases and sentences. The grammar of spoken French. Basic French vocabulary. Comparison of structural patterns in French and in English.

This course is open to students qualified to enter the Intermediate or Advanced Section.

Tues., Thurs., Sat. at 12. M. RIGAULT

READINGS IN ADVANCE

Students are strongly advised to do the reading for the literature courses they plan to attend before the School opens. This will give them more time for detailed study during the session, and enable them to keep up with their daily assignments.

TEXTBOOKS

All the textbooks required for individual courses will be found at the McGill University Book Store, 3416 McTavish Street.

Books for readings will be available at the University Library but students will be well advised to purchase at least some of them either before they come to the School or at book shops in Montreal where, by special arrangement, stocks of these books will be kept during the session.

Lists of textbooks will be ready by the end of April, and the School Secretary will mail them on request to students accepted at the School.

All students should bring with them the grammars and dictionaries with which they are familiar.

REGULATIONS FOR THE MASTER OF ARTS DEGREE

1. All work carried on towards an M.A. degree in the French Summer School is under the control and supervision of the Department of French in the Faculty of Graduate Studies of the University.

2. REQUIREMENTS FOR THE MASTER'S DEGREE

(*a*) The student must hold the degree of B.A. from McGill University, or from another institution of recognized standing, with at least second class Honours in French, or the equivalent of second class Honours in French as granted by McGill University—which must include the ability to speak French with some fluency and a sound knowledge of French literature from 1600 to 1950.

(*b*) A student, qualified as in 2(*a*), must complete four sessions in the Advanced Section of the French Summer School with at least second class standing in the final examinations of each session

(*c*) The student must prepare and present a thesis, written in French, which must be in some measure a contribution to knowledge. Its preparation is carried out under the direction of the French Department.

3. Students applying for admission to the Advanced Section of the Summer School, with the intention of proceeding towards the M.A. degree, should, as soon as possible, have a transcript of their academic record sent for appraisal to the Director of the School.

Students whose records are considered to be the equivalent of the B.A. degree with at least second class Honours in French as granted by McGill University will be notified of their eligibility for future admission to the Faculty of Graduate Studies of the University. At the end of their second session they will be required to register in that Faculty as candidates for the M.A. degree, provided that they have completed the course requirements for the first two sessions.

Students who hold a B.A. degree but whose records are not considered to be the equivalent of the McGill B.A. with at least second class Honours in French may be allowed to make up the deficiency by taking more courses during their third and fourth summer sessions.

M.A. students will not be required to re-register in the Graduate Faculty at the end of the third Summer Session, but will do so at the end of the fourth.

4. In the case of students of Honours standing, the first summer session consists of five courses, the second of four courses, the third of three courses, and the fourth of two courses, each course consisting of three lectures per week. The decreasing number of courses through the four sessions enables the student to devote more time to the preparation of his thesis, which must begin in the third session. Each student works under the guidance of a director of research who

is a member of the Summer School Staff. The only listed course which may be taken for credit in more than one session is No. 31, Advanced Composition (see below).

Students may be required to take certain courses which are changed from year to year, and in any case:

30—FRENCH STYLISTICS. Students are advised to take 30(a) during their first or second session, and 30(b) during their third or fourth.

31—ADVANCED COMPOSITION. A minimum mark of 65% must be obtained in the final examination of this course, irrespective of the final average for the set of courses taken during the session. The course must be repeated until this requirement has been met. As its material is varied each year, it can be taken a second summer for credit. If taken more than twice, it must then be carried as an extra course.

5. With the approval of the Graduate Faculty, one of the summer sessions, except the first, may be replaced by equivalent work in France or at another French Summer School.

FEES FOR M.A. STUDENTS

1. *School Fees.*

M.A. candidates pay the full sessional fee of $330 (registration, tuition, room, and board) or $150 (registration and tuition only) for each summer session during which they take courses.

M.A. candidates who have completed the courses required for the degree but have not completed the thesis, and are attending colloquia, will be charged at the rate for a single regular course.

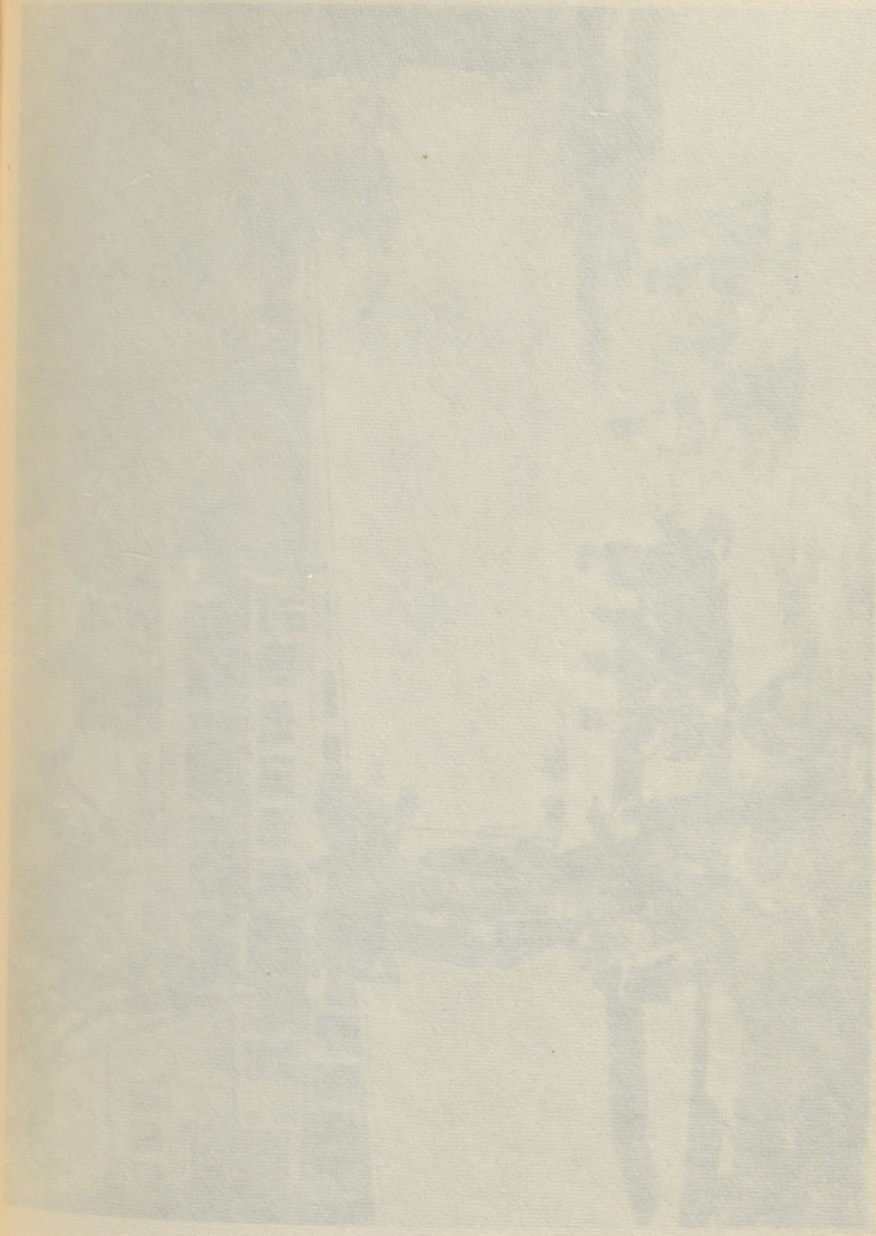
2. *University Fees.*

The University fee for the M.A. degree is $400. A credit of $97.50 is allowed for each session a student spends in Section C of the French Summer School. Thus a student who has attended four sessions will be required to pay only $10.00 when he registers at the office of the Dean of the Faculty of Graduate Studies at the end of his fourth session. If the presentation of the thesis is postponed beyond the May following this registration, the student will pay an additional registration fee of $10.00 at the beginning of the session in which the thesis is to be presented. Students who obtain their M.A. degree via the French Summer School are excused the "in absentia" fee.

TIMETABLE

Time	SECTION A		SECTION B		SECTION C	
	Monday-Wednesday Friday	Tuesday-Thursday Saturday	Monday-Wednesday Friday	Tuesday-Thursday Saturday	Monday-Wednesday Friday	Tuesday-Thursday Saturday
9	1. Living French	1. Living French	13(a). Phonetics 14(a). Diction 15(a). Explication de textes 22. The French Novel in the Romantic Age	10(a). Composition and Translation 11(a). Free Composition 12(a). Oral practice 24. Contemporary Novels	32. Advanced Phonetics 40. Littérature du Moyen Age	42. Victor Hugo
10	2. Functional Grammar	5. Modern French Prose	13(b). Phonetics 14(b). Diction 15(b). Explication de textes 20. An Introduction to French Poetry	10(b). Composition and Translation 11(b). Free Composition 12(b). Oral practice 21. The French Stage in the 18th Century	31. Advanced Composition	43. Sartre et Camus
11	3. Everyday Words and Phrases	4. French Speech Habits	13(c). Phonetics 15(c). Explication de textes 25. From Book to Stage	10(c). Composition and Translation 12(c). Oral practice 23. French Poets from 1850 to 1900	44. Fraternité et communion humaines	30. Stylistics
12	7. French Songs	6. 19th Century French Literature	25. Practice	26. The third golden Age of French Music	41. Racine	

Course 50—*French in Diplomacy and Protocol To-day* will be given on Monday, Wednesday and Friday at 10.
Course 51—*Applied Linguistics for Teachers of French* will be given on Tuesday, Thursday and Saturday at 12.





CONVERSATION GROUPS OFTEN PREFER TO MEET ON THE LAWN
(In the background the new University Library)



EVERYBODY SINGS!

(One of the French song groups in afternoon session.)

Macdonald College



McGill University

Faculty of Agriculture
School of Household Science
1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office, McGill University, Montreal 2, Quebec.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
**Faculty of Graduate Studies and Research*
**Institute of Education*
School of Commerce
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
**Macdonald College* (Faculty of Agriculture, School of Household Science.)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

---

* These Announcements are also available through the Registrar's Office, Macdonald College.

INDEX

PAGE

Accident Insurance 4531
Admission 4520
Adult Education Service 4518
Advanced Diploma Course 4599
Advancement from Year to Year 4586
Affiliated Colleges 4537
Agriculture Teaching Certificate 4588
Attendance at Classes 4524

B.Sc.(H.Ec.) Course 4601
B.Sc.(Agr.) Course 4534
Bursaries, Scholarships, Prizes 4616

Classification of Students 4617
Conduct of Students 4523
Counsellors 4525
Corporation des Agronomes 4537
Courses Offered 4532

Courses, Detailed Description of:—

- B.Sc.(Agr.) 4560
- Diploma 4592
- B.Sc.(H.Ec.) 4607

Courses of Study 4532

Diploma Course in Agriculture 4590

Entrance Requirements:—

- General 4533
- B.Sc.(Agr.) Course 4534
- Diploma Course 4590
- B.Sc.(H.Ec.) Course 4602

Evaluation of Courses 4543

Examinations in:—

- Diploma Course 4598
- B.Sc.(Agr.) and B.Sc.(H.Ec.) Courses 4586

PAGE

Extension Service 4518

Farm Experience 4537
Fees 4527
Firearms 4524

General Information 4517
General Agriculture Option 4553
General Biology Option 4555
Graduate Courses 4589
Graduation Requirements 4537
Grant to Agricultural Students 4617
Guests 4526
Gymnasium Costumes 4531

Handicrafts 4520
Health Service 4530
Honour Standing 4587
Household Science, School of 4601

Illness 4524
Institute of Parasitology 4516

Laundry 4529
Leave of absence 4525
Library 4518
Liquor 4524

Major Subjects 4543

Orientation 4521
Outfit Requirements for Women Students 4531

Pass Standing 4587
Payments 4528
Practical experience 4537
Pre-holiday Leave 4524
Prizes, Scholarships and Bursaries 4617
Probation 4524

Quebec Government Grant 4617

Refunds 4528
Registration 4521
Requirements for Graduation 4537

PAGE

Residence Rules, General 4521
Residence Rules, Women Students 4525
Room Furnishings 4523

Scholarships, Prizes and Bursaries 4617
School for Teachers 4516
Single Rooms 4528
Stewart (Walter M.) Collection 4518
Student Activities 4527
Summer Work for Students 4538
Suspension 4523
Supplemental Examinations 4587

Trips, Household Science 4531

Uniforms 4531
Units, Course 4543

Visitors 4526

McGILL UNIVERSITY

VISITOR

His Excellency the Right Honourable
Vincent Massey, C.H., Governor General of Canada

BOARD OF GOVERNORS

R. E. Powell, D.Litt. (Monmouth), LL.D. — *Chancellor*

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Laval, etc.), D. de l'U. (Montréal), D.C.L. (Bishop's), LL.D. (Toronto, Glasgow, etc.), F.R.S.C.
Principal and Vice-Chancellor

J. W. McConnell

Walter M. Stewart

Hon. A. K. Hugessen, Q.C., B.A., B.C.L.

Ross Clarkson

J. D. Johnson, LL.D.

Sydney G. Dobson

James A. Eccles, A.B. (Harvard), LL.D.

G. Blair Gordon, B.Sc.

John R. Fraser, M.D., F.R.C.S. (C.), F.A.C.S., F.R.C.O.G.

Hon. Hartland deM. Molson, O.B.E.

B. C. Gardner, M.C., D.C.L. (Bishop's), LL.D., *Chancellor 1952-1957*

R. E. Stavert, B.Sc.

J. A. Fuller, A.B. (Princeton)

C. W. Webster, B.A.

T. R. McLagan, O.B.E., B.Sc.

W. Taylor-Bailey, B.Sc.

G. W. Bourke, B.A.

Henry G. Birks

N. R. Crump, M.E., LL.D., D.Eng.

S. G. Dixon, O.B.E., Q.C., B.A., B.C.L.

S. Boyd Millen, B.A., B.C.L.

John V. Galley, B.Sc.

Secretary: J. H. Holton

ADMINISTRATIVE OFFICERS

Vice-Principal, Macdonald College

H. G. DION, B.S.A. (Sask.), Ph.D. (Wis.)

Secretary, Macdonald College

R. L. PUXLEY

Librarian

MARGARET C. MACINTOSH, M.A. (Queen's), B.L.S.

Medical Officer

G. L. FORTIER, B.Sc., M.D.,C.M.

Warden of Brittain Hall

D. W. COLE, M.A.

Warden of Stewart Hall

FRANCES E. CROOK, Ed.D.

Dietitian

MARGARET R. STEWART, B.H.S

MACDONALD COLLEGE

(McGill University)

Degrees received from McGill University carry no institutional designation and are placed after those received elsewhere.

FACULTY OF AGRICULTURE

DEAN:—HENRY GEORGE DION, B.S.A. (Sask.), Ph.D. (Wis.), F.A.I.C., *Professor of Soil Chemistry*

PHOEBUS A. ANASTASSIADIS, B.Agr. (Athens), M.Ed. (Rutgers), Ph.D., *Assistant Professor of Agricultural Chemistry and Animal Husbandry*

HENRY R. C. AVISON, M.A., *Associate Professor of English, Chairman of the Department, and Director of the Adult Education Service*

BRUCE E. BAKER, B.Sc. (Bishops), D.Sc. (Laval), *Associate Professor of Agricultural Chemistry*

ANGUS BANTING, B.S.A. (Tor.), *Professor of Agricultural Engineering and Chairman of the Department*

ROBERT S. BIGELOW, B.Sc. (Agr.), Ph.D., *Assistant Professor of Entomology*

A. CLARK BLACKWOOD, B.Sc. (Alta.), M.Sc., Ph.D. (Wis.), *Professor of Agricultural Bacteriology and Chairman of the Department*

JOHN WALLACE BOYES, M.Sc. (Sask.), Ph.D. (Wis.), *Professor of Genetics (Faculty of Arts and Science)*

ROBERT I. BRAWN, B.S. (Penn State), Ph.D. (Wis.), *Associate Professor of Agronomy and Genetics*

W. H. BRITTAIN, Ph.D. (Cornell), D.Sc. (U.B.C.), B.S.A., LL.D., F.A.I.C., F.R.S.C., *Curator of the Morgan Arboretum (Post-retirement)*

JOHN STEPHEN BUBAR, M.Sc. (Penn. State), B.Sc.(Agr.), Ph.D., *Lecturer in Agronomy*

ERIC O. CALLEN, B.Sc., Ph.D. (Edin.), F.L.S. *Assistant Professor of Plant Pathology*

THOMAS W. M. CAMERON, T.D., M.A. (Edin.), B.Sc. (Vet. Sci.) (Edin.), D.Sc. (Edin.), Ph.D. (Lond.), M.R.C.V.S., F.R.S.C., *Professor of Parasitology, Director of the Institute of Parasitology, and Chairman of the Department of Parasitology*

DESMOND W. COLE, M.A. (U.B.C.), *Assistant Professor of English and Warden of Brittain Hall*

NICHOLAS COLOTELO, B.S.A. (Tor.), Ph.D. (Sask.), *Research Associate in Plant Pathology*

R. H. COMMON, B.Sc., M.Agr. (Belfast), Ph.D., D.Sc. (London), D.Sc. (Belfast), F.R.I.C., F.C.I.C., F.A.I.C., *Professor of Agricultural Chemistry and Chairman of the Department*

J. H. COOPER, B.Sc. (Agr.), *Associate Professor of Agricultural Engineering*

JOHN G. COULSON, M.A. (Queen's), D.Sc. (Montréal), F.A.I.C., *Professor of Plant Pathology (Post-retirement)*

EARLE W. CRAMPTON, B.S. (Connecticut), M.S. (Iowa), Ph.D. (Cornell), F.R.S.C., F.C.I.C., F.A.I.C., *Professor of Nutrition and Chairman of the Department*

D. G. DALE, D.V.M. (Tor.), *Assistant Professor of Animal Pathology and Chairman of the Department*

JEAN DAVID, L.S.A. (Montréal), Ph.D. (California), *Assistant Professor of Horticulture*

WALTER A. DELONG, B.S.A. (Tor.), Ph.D. (Minnesota), M.Sc., F.A.I.C., *Professor of Agricultural Chemistry*

MARGARET H. DUBREUIL (MRS.), M.A. (Aberdeen), *Lecturer in English*

E. MELVILLE DUPORTE, B.S.A., M.Sc., Ph.D., *Professor of Entomology (Post-retirement)*

RALPH HOWARD ESTEY, M.S. (Maine), B.Sc. (Agr.), Ph.D., *Assistant Professor of Plant Pathology*

D. FAIRBAIRN, B.A. (Queen's), Ph.D. (Rochester), *Associate Professor of Parasitology*

FLORENCE A. FARMER, B.H.S., M.Sc., Ph.D., *Assistant Professor of Nutrition*

DOUGLAS M. FRASER, B.Sc. (Dal.), *Lecturer in Agricultural Physics*

WILLIAM FREDERICK GRANT, B.A. (Manchester), M.A. (McMaster), Ph.D. (Univ. of Virginia), *Assistant Professor of Genetics (Faculty of Arts and Science)*

CHARLES WAYNE HALL, M.A. (Bishop's), *Professor of Education (Institute of Education)*

LIONEL H. HAMILTON, B.S.A. (Tor.), M.S. (Wis.), *Associate Professor of Animal Husbandry and Chairman of the Department, Director of Diploma Courses.*

PATRICIA MARIE HARNEY, B.Sc.(Agr.), *Lecturer in Horticulture*

ROBERT P. HARPUR, B.Sc. (N.Z.), M.Sc., Ph.D., *Assistant Professor of Parasitology*

WILLIAM E. HAVILAND, B.A. (McMaster), M.A. (Tor.), A.M., Ph.D. (Harvard), *Associate Professor of Agricultural Economics*

STUART CHRISTOPHER M. HAWKINS, D. de l'U. (Paris), M.A., *Associate Professor of Education (Institute of Education)*

G. O. HENNEBERRY, B.Sc. (Dalhousie), M.Sc., *Lecturer in Agricultural Chemistry*

ARTHUR M. HENRY, B.A. (Lond.), M.A., *Associate Professor of Education (Institute of Education)*

ARCHIBALD R. C. JONES, B.Sc.F. (Tor.), *Lecturer in Woodlot Management*

WINSTON W. KEELER, *Instructor in Agronomy and Field Superintendent*

D. KEITH McE. KEVAN, B.Sc. (Edin.), Ph.D. (Nottm.), A.I.C.T.A. (Trinidad), F.R.S.E., F.R.E.S., *Professor of Entomology and Chairman of the Departments of Entomology and Plant Pathology*

HAROLD R. KLINCK, B.S.A. (Tor.), M.Sc., Ph.D., *Assistant Professor of Agronomy*

ROGER KNOWLES, B.Sc. (Birm.), Ph.D. (Lond.), *Lecturer in Agricultural Bacteriology*

MARSHALL LAIRD, D.Sc. (New Zealand), *Assistant Professor of Parasitology*

LEWIS E. LLOYD, B.Sc. (Agr.), M.Sc., Ph.D., *Associate Professor of Nutrition*

E. A. LODS, D.Sc. (Montréal), B.S.A., M.S.A., F.A.I.C., *Superintendent of the Provincial Seed Farm (Post-retirement)*

ALLAN CLYDE MALLOCH, B.Sc. (Queen's), *Assistant Professor of Agricultural Engineering*

W. A. MAW, M.S.A., F.P.S., *Professor of Poultry Husbandry and Chairman of the Department*

DAVID L. MACFARLANE, B.S.A., M.Sc. (Sask.), Ph.D. (Minnesota), *Professor of Agricultural Economics and Chairman of the Department*

JOHN E. MCFARLANE, M.A. (Sask.), Ph.D. (Ill.), *Assistant Professor of Entomology*

EUGENE MEEROVITCH, B.Sc. (St. Johns, Shanghai), M.Sc., Ph.D., *Lecturer in Parasitology*

FRANK O. MORRISON, B.A., B.Sc. in Agriculture, M.Sc. (Alberta), Ph.D., *Associate Professor of Entomology*

J. E. MOXLEY, B.Sc.(Agr.), *Assistant Professor of Animal Husbandry*

H. R. MURRAY, B.S.A. (Tor.), M.Sc. (Cornell), *Associate Professor of Horticulture and Chairman of the Department*

N. NIKOLAICZUK, M.Sc. (Alta.), Ph.D. (Ohio State), *Associate Professor of Poultry Husbandry*

WILLIAM FRASER OLIVER, B.A. (McMaster), M.A., Ph.D. (Toronto), *Associate Professor of Agricultural Physics*

GILBERT IVAN PAUL, B.Sc. (Alta.), M.Sc., Ph.D. (North Carolina), *Assistant Professor of Genetics* (*Faculty of Arts and Science*)

RÉAL LUCIEN PELLETIER, L.S.A. (Montréal), Ph.D. (Wis.), M.Sc., *Assistant Professor of Plant Pathology*

ROBERT W. PUGH, *Athletic Director and Assistant Warden of Brittain Hall*

L. C. RAYMOND, M.S. (Wis.), B.S.A., F.A.I.C., *Professor of Agronomy* (*Post-retirement*)

W. ROWLES, B.Sc. (Sask.), M.Sc., Ph.D., *Professor of Agricultural Physics and Chairman of the Department*

H. A. STEPPLER, B.S.A. (Man.), M.Sc., Ph.D., *Professor of Agronomy and Chairman of the Department*

CHARLES D. TAPER, M.S.A. (U.B.C.), Ph.D. (Man.), *Associate Professor of Horticulture*

BENNO PETER WARKENTIN, B.S.A. (U.B.C.), M.S. (Wash.), Ph.D. (Cornell), *Assistant Professor of Agricultural Physics*

SCHOOL OF HOUSEHOLD SCIENCE

The School of Household Science is under the administrative jurisdiction of the Faculty of Agriculture.

DIRECTOR:—HELEN R. NEILSON, M.B.E., B.H.S., M.Sc., *Professor of Home Economics*

HELEN L. DEVEREAUX, M.A. (Tor.), *Assistant Professor of Home Economics*

MARION EMPEY, B.Sc.(H.Ec.) (Alta.), *Lecturer in Home Economics*

F. ISABEL HONEY, M.A. (Tor.), *Associate Professor of Home Economics*

A. ELIZABETH JAQUES, *Lecturer in Education (Institute of Education)*

MARJORIE M. JENKINS, B.Sc. (H.Ec.) (Alta.), M.Sc., *Assistant Professor of Home Economics*

GERTRUDE C. S. MACFARLANE (Mrs. D. L.), Mus.Bac. (Tor.), M.Sc. (Kentucky), *Sessional Lecturer in Home Economics*

HELEN GEORGINA MCKIRDY, B.Sc.(H.Ec.), *Lecturer in Home Economics*

DOROTHY A. NICHOL, B.Sc.(Phys.Ed.), *Lecturer in Education (Institute of Education)*

ALICE M. STICKWOOD, B.S., M.A. (Columbia), *Lecturer in Foods and Dietetics*

MARGARET R. STEWART, B.H.S., *Lecturer in Home Economics: Dietitian*

JOHN ERNEST MCKIM YOUNG, B.A. (McMaster), B.Ed., M.A. (Sask.), Ph.D. (Tor.), *Associate Professor of Education (Institute of Education)*

McGILL UNIVERSITY ADULT EDUCATION SERVICE

H. R. C. AVISON, M.A., *Director.*

ARNOLD A. HUGHES, B.Sc.(Agr.), *Agricultural Fieldman.*

ELIZABETH MENNIE, B.A., B.L.S., *Secretary-Librarian.*

HANDICRAFT DEPARTMENT

HELENA NEIJZEN, *Instructor.*

FRANCES WREN, *Instructor.*

McLENNAN TRAVELLING LIBRARY

KATHLEEN CLYNES, *Librarian.*

Many officers of instruction give classes in all divisions of Macdonald College; their names appear under that division in which the major portion of their work is done.

CALENDAR FOR SESSION 1958-59

1958

September 8th, Monday.....Registration, all years, Institute of Education. Second and Third year students report for practice teaching. Registration, Teaching Option, Fourth year B.Sc.(H.Ec.) students.

September 9th, Tuesday.....Lectures begin, First year and all Diploma courses, Institute of Education.

September 16th, Tuesday.....Registration, Second year B.Sc.(H.Ec.) students and B.Sc.(Agr.) students taking Agr. Eng. 439. Supplemental examinations begin, B.Sc.(Agr.) and B.Sc.(H.Ec.) courses.

September 17th, Wednesday.....Registration, First year B.Sc.(Agr.) and First year B.Sc.(H.Ec.) students.

September 18th, Thursday to September 23rd, Tuesday, incl... Orientation week. Attendance is compulsory for all new First year students in B.Sc.(Agr.) and B.Sc.(H.Ec.) courses.

September 23rd, Tuesday.....Registration, other B.Sc.(Agr.), B.Sc.(H.Ec.), Handicrafts and Advanced Diploma Course students.

September 24th, Wednesday.....Lectures begin for B.Sc.(Agr.), B.Sc.(H.Ec.), Handicrafts and Advanced Diploma course students.

October 6th, Monday.....Fall Convocation.

October 13th, Monday.....Thanksgiving Day. No classes.

October 20th, Monday.....Registration, Diploma Course students. Supplemental examinations begin, Diploma Course.

October 21st, Tuesday.....Lectures begin, Diploma Course.

November 4th, Tuesday.....Annual Assembly, 3.45 p.m.

November 11th, Tuesday.....Remembrance Day Service, 10.30 a.m.

November 17th, Monday to November 28th, Friday, inc.... Practice Teaching period, First Class Diploma, Institute of Education.

December 16th, Tuesday.....Last day of lectures in first term, Institute of Education.

December 17th, Wednesday, to December 22nd, Monday, inc.... First term examinations, Institute of Education.

December 20th, Saturday.....Last day of lectures in first term, all schools other than the Institute of Education.

1959

January 5th, Monday.....First term examinations begin, Agriculture and Household Science. Lectures resumed, First and Second years and all diploma courses, Institute of Education.

January 8th, Thursday.....Lectures resumed, Third and Fourth years' Institute of Education.

January 9th, Friday to January 23rd, Friday, inc......Practice teaching period, all diploma sections, Institute of Education.

January 12th, Monday.....Second term begins, Agriculture and Household Science.

February 10th, Tuesday.....Macdonald College Founder's Day. No afternoon classes. (*Sir William C. Macdonald, born February 10, 1831, died June 9, 1917.*)

February 19th, Thursday.....Macdonald Royal. No classes.

March 14th, Saturday.....Last day of lectures, Diploma Course.

March 17th, Tuesday.....Examinations begin, Diploma Course.

March 25th, Wednesday.....Graduation Exercises, Diploma Course.

March 27th, Friday to March 30th, Monday, inc......Easter vacation (to April 5th, all diploma courses, Institute of Education).

April 6th, Monday to April 17th, Friday, inc......Practice teaching period, all diploma sections, Institution of Education.

April 18th, Saturday.....Last day of lectures, B.Sc.(Agr.) and B.Sc.(H.Ec.) courses, and Second, Third and Fourth years, Institute of Education.

April 19th, Sunday.....Baccalaureate Service, 3.00 p.m.

April 22nd, Wednesday.....Examinations begin, B.Sc.(Agr.), B.Sc.(H.Ec.) courses, and Second, Third and Fourth years, Institute of Education.

May 2nd, Saturday.....Session ends for B.Sc.(Agr.) and B.Sc.(H.Ec.) students.

May 4th, Monday.....Practice teaching period begins, Second and Third years and First Class Diploma section, Institute of Education.

May 11th, Monday.....Practice teaching period begins, Fourth year, Institute of Education.

May 16th, Saturday.....Last day of lectures, First year and all diploma courses, Institute of Education.

May 20th, Wednesday.....Examinations begin, First year and all diploma courses, Institute of Education.

May 29th, Friday.....Convocation.

May 31st, Sunday.....Divine Service, Institute of Education, School of Household Science, Handicrafts students.

June 4th, Thursday.....Graduation Exercises, Institute of Education, School of Household Science, Handicrafts students.

July 29th, Wednesday.....Farm Day.

Macdonald College

Macdonald College, which was founded and endowed by the late Sir William C. Macdonald, is incorporated with McGill University, and is situated twenty miles west of Montreal, at Ste. Anne de Bellevue, Que. It is composed of the Faculty of Agriculture, which includes the School of Household Science, and of the School for Teachers for the Protestant schools of the Province of Quebec.

FACULTY OF AGRICULTURE

The work of the agricultural departments of the College falls into three main divisions: teaching, research, and extension. Teaching and research form the major part of their work. Extension service is undertaken by departments as the need or opportunity may arise.

Information on extension work under the McGill Adult Education Service will be found on page 4518.

SCHOOL OF HOUSEHOLD SCIENCE

The School of Household Science is an integral part of the Faculty of Agriculture. The main function of the School is teaching, both in relation to the home and for professional service in institutions.

SCHOOL FOR TEACHERS

The School for Teachers is a School of McGill University, controlled by a committee established under an agreement with the Government of the Province of Quebec. The School is under the jurisdiction of the Institute of Education and the Faculty of Arts and Science, and offers diploma courses for kindergarten, elementary, intermediate and High School teachers. Courses leading to the Bachelor of Education degree are also offered through the Institute. Information on the School for Teachers is included in the announcement of the Institute of Education, issued separately.

THE INSTITUTE OF PARASITOLOGY

This Institute, located at Macdonald College, is governed by a joint committee of the National Research Council and McGill University, and has, as its main functions, the prosecution of research on animal parasites and the instruction of graduate students.

GENERAL INFORMATION

Ste. Anne de Bellevue, Que., is twenty miles west of Montreal, on the main lines of the Canadian National Railway and the Canadian Pacific Railway, and on provincial highways No. 2 and No. 17. Travellers by air book to the Montreal Airport at Dorval, which is approximately ten miles east of the College. The Anglican Church of Canada, the United Church of Canada and the Roman Catholic Church in Canada all have churches in the town. Students of all religious denominations are free to enter Macdonald College. A branch of the Bank of Montreal serves the community.

The College has its own post office and mail should be addressed simply Macdonald College, Que. The address for freight and express parcels, and for telegrams, is Macdonald College, Ste. Anne de Bellevue, Que.

Key telephone numbers are: Switchboard (connecting all departments), Ste. Anne de Bellevue 5335; Brittain Hall, 9082, 9086; Stewart Hall, 9008, 9095; Main Building Dormitory, 9003; Harrison House, 4407.

FACILITIES

Sir William Macdonald planned so well for future needs that the facilities of Macdonald College for instruction in Agriculture, Home Economics and Teaching are still provided almost entirely in the buildings constructed in 1905. The picturesque brick buildings and red-tile roofs of the Chemistry, Biology, Agriculture and Main Buildings, together with Stewart and Brittain Halls (residences for women and men respectively), and the well laid out grounds on the shore of Lake St. Louis, combine to provide a campus which is attractive and functional.

Laboratory and lecture rooms are exceptionally well supplied with modern and efficient teaching facilities, while the reference section of the Library and the research laboratories associated with the various science departments are well equipped to permit the vigorous investigation of problems connected with postgraduate studies.

The land associated with the College consists of approximately 1600 acres, at the western end of the Island of Montreal, and is largely in the Parish of Ste. Anne du Bout de l'Ile, Jacques Cartier County. The campus proper consists of about 200 acres south of the Trans Island Boulevard, and contains the Orchard, Horticulture plots and the Poultry ranges. The Stock Farm has good examples of Holstein, Ayrshire and Aberdeen

Angus cattle, Cheviot sheep, and Yorkshire hogs. The Agronomy Farm includes the land devoted to the development of new varieties of crops and comparative testing of new varieties and management practices. The College farm represents a wide variety of the soils of the Ottawa St. Lawrence Valley Lowland, with podsols, brown forest and dark-grey gleizolic (poorly drained) soils, including the Ste. Amable, St. Bernard, Rideau and Ste. Rosalie series.

The Morgan Arboretum established in 1947, has 700 acres of woodland devoted to the study of woodlot management and the place of the woodlot in the Eastern Canadian farm economy. About 100 acres have been planted in reforestation projects. In addition, the Arboretum, in spite of its short history, has Canada's best collection of examples of all Canadian and many foreign species of trees and shrubs of interest from the point of view of pulpwood, timber and landscaping.

THE MACDONALD COLLEGE LIBRARY

The library and reading room are centrally located in the Main Building, occupying the ground floor of an annex leading off the main hall. Seventy-six readers can be accommodated in the reading room, and in a series of alcoves there are reference works and textbooks on the work of the various departments.

The present stack-room has accommodation for about 25,000 volumes, which comprise the best collection of books on the various subjects included in the curriculum of the College.

The Walter M. Stewart Collection includes biography, history, travel science, etc. This collection has been purchased through the generosity of Walter M. Stewart, of Montreal.

MACDONALD COLLEGE EXTENSION SERVICES

Departmental Services: — The services of the various departments of Macdonald College are always available for the advancement of the agricultural and home interests of the Province of Quebec. Personal interviews at the College and correspondence are invited.

Adult Education Service: — The College functions through the Adult Education Service in providing an extension programme primarily for rural residents. The service consists of:

Information Centre—This library of programme materials, books, pamphlets, films, study outlines, etc., welcomes requests for help and advice from all kinds of community organizations, as well as from individuals.

Handicraft Department offers instruction to regular day students and also conducts evening classes in weaving, leatherwork, and woodwork. Instructors in the department are available for short courses away from the College as time permits.

McLennan Travelling Libraries, McGill University, offer a library service to schools and community organizations. Boxes of fifty books are loaned for four months at a moderate charge. A bookmobile serves communities south of the St. Lawrence River on a monthly schedule.

Macdonald Farm Journal, a monthly publication for English-speaking farmers dealing with matters of agricultural interest in popular articles, written by members of Macdonald College staff and other contributors.

Evening Courses in a wide variety of subjects including home gardening and landscaping, public speaking, dressmaking, music, etc., are offered to adult citizens within travelling distance of Macdonald College during the fall and winter term.

The College also co-operates with the Quebec Council of Community Programmes in supervising and assisting adult night schools in a number of English-speaking centres of the province. Courses are offered in a wide variety of subjects ranging from agriculture, cooking, sewing, and handicrafts to public speaking, dramatics, and French conversation.

For further information about these activities, write to the Adult Education Service, Macdonald College, P.Q.

Visits to the College from individuals or groups with a common interest in the farm, the home, or the school, are always welcomed. However, in view of the present large registration and the somewhat limited facilities, it is often regrettably necessary to curtail visits at times when the student population is largest.

Groups of fifteen or more requiring meals and/or rooms are asked to give two weeks' advance notice and to confirm the numbers in the group not later than three days before arrival. All requests for visiting privileges should be addressed to The Secretary, Macdonald College, P.Q., who will be pleased to quote rates for meals and rooms, if required.

HANDICRAFTS

Macdonald College offers an eight-months course in general handicrafts, which gives theoretical and practical training in a variety of arts and crafts

Weaving and leather-working are the main divisions of the course. In the weaving portion, once the fundamentals of using the various types of loom have been mastered, the students are given the opportunity of designing special patterns, which they then weave into cloth for making such articles as tablecloths, luncheon sets, skirt material, etc. Belts, lampshades, and tartan scarves are but a few of the other items which are woven during the course.

In leather-working, all designs are again original, from the simplest change purse to elaborately carved book covers or desk sets. Although most attention is paid to these two crafts, instruction is also given in creative crafts, metal-working, wood-working, whittling, and lino-block printing.

On completion of the course the student is equipped to teach handicrafts in hospitals, recreation centres, summer camps, etc., and it is also a splendid course for art teachers in public schools. Many graduates are now employed in this type of work; others are operating their own studios or workshops in all parts of Canada.

Junior Matriculation or its equivalent is required for admission. For full information and an application form write to the Handicrafts Department, Macdonald College, P.Q.

ADMISSION

The general requirements for admission are on page 4533. Details of the admission requirements for the various courses are on pages 4534, 4602.

CLASSES OF STUDENTS

1. *Regular Undergraduates* are students with complete matriculation qualifications and who are taking the regular work of their year toward the appropriate degree or diploma.

2. *Limited Undergraduates* are students with normal entrance qualifications but who, due to ill health or other circumstances, do not fit into the regular classification of years (first, second, etc.) and who may be unable to complete their work in the normal length of time.

3. *Partial Students* are those not proceeding to a degree or diploma, including those doing a qualifying year for graduate work, or those earning credits for transfer to another faculty or institution.

REGISTRATION

Students are required to register before 4 p.m. on the date designated for the course and year for which they have been accepted, and before entering residence to obtain a residence card from the Secretary's Office. Registration at a later date is permitted only to those who obtain the consent of the Dean or Director of the Faculty or School concerned.

All students entering the First year of the B.Sc.(Agr.) and of the B.Sc. (H.Ec.) course for the first time are required to register one week in advance of upper classmen. This period is devoted to a programme or orientation, in which efforts are made to impress on these students the significance and consequences of their new way of life, to familiarize them with their physical and cultural surroundings, and to acquaint them with the scope of the various fields of learning at the College. Attendance at all sessions of Freshman Orientation Week is compulsory.

Upon registering students are required to sign the following declaration:—"I hereby accept and submit myself to the rules and regulations of Macdonald College, and of the Faculty or School thereof in which I am registered, and to any amendments thereto which may be made while I am a student of the College, and I promise to observe the same."

Students are not permitted to enter any class until they have registered.

RESIDENCE

Men students in residence live in Brittain Hall, named in honour of Dr. W. H. Brittain, Vice-principal of Macdonald College from 1935 to 1955. The residence for women is named Stewart Hall in honour of Mr. and Mrs. Walter M. Stewart, long-time friends and benefactors of the College. A subsidiary residence for women students is also maintained on the third floor of the Main Building.

Macdonald College does not have residence accommodation for all the students who enroll, and acceptance of the application for admission to a course of study does not imply that residence accommodation will be available.

Any student wishing to live in one of the College residences must apply for residence accommodation well in advance of the opening of the session. Forms of application for residence accommodation are sent with letters of acceptance.

A deposit of $25.00 must accompany the application for accommodation. If the application is accepted the deposit will be deducted from the payment due on entrance. The College guarantees to refund the deposit if the application is refused, or is cancelled by the applicant at least three weeks prior to the date of registration for the course concerned.

All students who have been in residence during the session must apply for re-admission for the following year, and make a deposit of $25.00, before leaving at the end of the session, should they wish to have space reserved for them. This deposit will be refunded if the application is not accepted, or is cancelled by the applicant three weeks prior to the date of registration for the course in which he or she is enrolled. If the application is accepted, the deposit will be deducted from the payment due on entrance.

A number of rooms are available in private homes in Ste. Anne de Bellevue; a list of these may be obtained from the Registrar's Office. Most are located within a few minutes' walk of the College. Students rooming out may have all their meals in the College dining room and participate fully in all regular College activities.

All students, whether living in residence or not, are registered in one or other of the Halls of Residence, as well as in their respective Faculties or Schools.

Due to the necessity of accommodating conventions and short courses during the summer months, resulting in a limited time available for repairs and cleaning, no student will be admitted to residence before the date set for registration in the course for which he or she has been accepted. Exceptions to this rule will be made in the case of certain student officers whose duties require their presence before the opening date, members of the football team who have been accepted for pre-season training, students preparing for supplemental examinations and other students under exceptional circumstances by permission of the Warden.

Only students who are employed by the College may remain in residence during the summer months, and this with permission of the Warden. For the Christmas holiday period see page 4528.

Students who have reserved accommodation and who are returning early to write, or prepare for, supplemental examinations, may enter residence, by special permission, not earlier than one week before the date of their first examination. Application for early accommodation must be sent with the application for supplemental examination, before September 1st. The charge for room and board for this period will be $16.00 for a week or any part of a week.

Students may not invite relatives or friends to stay overnight in the residence without permission from the Warden of Residence.

For the admission of visitors to the Dining Room tickets must be purchased at the Dietitian's Office, Stewart Hall, at the Administration Office in the Main Building, or from the doorman on duty.

Students are held responsible for the care of their rooms and of their furnishings.

Students are recommended to mark clearly, before coming to the College, all articles of wearing apparel, sheets, pillow cases, etc.

Detailed regulations are printed separately and issued to students after arrival.

ROOM FURNISHINGS

Bedrooms are furnished with closets, beds, mattresses, blankets, pillows, and the necessary furniture.

Each student is expected to provide his or her own laundry bag, toilet soap, drinking glass, four sheets, about 90 inches long, 60 inches wide; two pillow covers, 34 inches long, 20 inches wide; hand towels and bath towels; flashlight.

Students may bring rugs, pictures, etc., but are not allowed to drive tacks or nails into walls or woodwork, nor to paste pictures on the walls.

Women students are required to provide sash curtains and curtain rods for the windows in their rooms. Each window is provided with curtain cranes, and students may bring and hang drapes if they wish.

CONDUCT AND ATTENDANCE

The general responsibility for the maintenance of discipline in each residence is vested in a Warden, but, through a system of self-government, students are encouraged to accept the greatest possible amount of responsibility in connection with their own affairs. Enforcement of necessary regulations, exaction of disciplinary measures, and regulation of conduct *in and out of residence*, is largely in the hands of a House Committee for each residence, elected by the students from among their own number.

Matters of discipline connected with or arising from the general arrangement for teaching within a Faculty or School are under the jurisdiction of the Dean of the Faculty or Director of the School concerned.

Students may be admonished by a professor or instructor for improper conduct and may be reported to the Dean or Director concerned. If considered advisable, such conduct shall be reported to parents or guardians.

Students found guilty of immoral, dishonest, or other improper conduct, the violation of rules, or wilfully causing damage to persons or property, shall be liable to College discipline, which includes the power of expulsion (subject to the approval of the Senate of McGill University),

of suspension from classes or residence, (also in the case of women students, confinement to residence), of exclusion from all College functions, including class or society meetings, plays, dances, etc., of disqualification from competing for honours or prizes, and of levying fines. Fines may also be imposed or assessments made for damages made by individuals or groups of students.

Bringing liquor into the College is considered a serious breach of discipline, and students who indulge in the use of liquor, or who frequent places where it is sold, may be required to withdraw from the College.

Students are not permitted to bring firearms into their rooms, nor is the use of firearms allowed on the College grounds.

Women students are forbidden to go on the river—winter or summer. "Hitchhiking" is not permitted.

Gambling is not permitted on College property.

Unauthorized entrance to Stewart Hall or subsidiary residences by men students, or to Brittain Hall by women students, will result in immediate suspension of the guilty persons, followed by expulsion proceedings.

Students are requested not to make application for additional leave either before or after holiday periods, as such leaves can only be granted in case of illness or other exceptional circumstances.

For late registration or for absence from classes on the last day before or the first day following a holiday period, there will be a penalty of $3.00 for each day or part of a day.

During illness students are under the direction of the Medical Officer and may not leave the residence or infirmary without his permission.

Punctual attendance at all classes, laboratory periods, tests, etc., is expected of all students. Absences can only be excused on the ground of necessity or illness, of which proof may be required. Special attention is called to the fact that the completion of all laboratory work is obligatory and the opportunity to make up work missed can only be provided in the case of properly excused absences.

The Faculty has the power to refuse examinations to those students who persist in absenting themselves from classes without permission.

Any student who is unwilling to submit cheerfully to the restrictions of college life, whose conduct does not furnish satisfactory evidence of diligence and earnestness of purpose, or whose work is definitely unsatisfactory, may be placed on probation, or may be required to withdraw from the college.

Degrees of probation are as follows:

Probation 1 The student is permitted to remain on trial, subject to satisfactory work and conduct.

Probation 2 The student is barred from participation in inter-class athletic competitions; from playing on College athletic teams; from participation in dramatics, etc.

A student repeating a year is automatically placed on No. 1 probation.

STUDENT COUNSELLING

In order to encourage a closer relationship between students and staff members than can be achieved through normal classroom contacts, a system of student counselling is in operation at the College.

At the beginning of the session each student in the First and Second years of the B.Sc.(Agr.) course is assigned, for counselling, to a staff member who is not one of his or her regular instructors. The counsellor is available for help and advice at all times throughout the session, and acts as a friend to whom the student can turn with problems, and who can act on his or her behalf when necessary. Furthermore, the counsellor, dealing as he does with a small group, acquires a better understanding of the problems of the students, and becomes sufficiently well acquainted with each student who comes to him for counselling to provide references for employment and other purposes. Department Chairmen normally act as counsellors for Third and Fourth year students.

With some modification in details, a similar system is in operation for B.Sc.(H.Ec.) students.

LEAVE OF ABSENCE

WOMEN STUDENTS

In order to avail themselves of leave privileges, women students in residence must present at the beginning of the session a form signed by parent or guardian giving general permission or specifying the manner in which leave may be spent. Forms for this purpose, and details of leave allowances, are sent to all students.

The amount of leave permitted is based on the student's year. A student is entitled to the leaves accorded those in her year only while in good academic standing. Conditioned students in the Second, Third or Fourth year have the allowances granted to the year below.

Except in cases of emergency, telephone messages or telegrams requesting leave of absence for women students will receive no consideration.

Students wishing to stay at hotels, lodges, etc., while on leave, or to go on skiing trips, are required to have the written consent of their parents to do so.

On no account shall a student be absent from college without having complied with the regulations regarding registration of leaves, or without the knowledge and consent of the Warden. Absence from College without permission is a serious offence which renders the student liable to instant suspension or dismissal. If prevented from returning after an absence, due to illness or other cause, students must advise the Warden immediately, and these students must report to the Warden's office immediately upon their return.

Students are urged to have dental work attended to before entrance, though dental appointments will be allowed in cases of urgency. Appointments to visit a physician are allowed on production of a letter from the physician indicating the date and hour of the appointment.

All correspondence regarding the conduct of women students in residence should be addressed to The Warden, Stewart Hall, Macdonald College, P.Q.

MEN STUDENTS

First Year Diploma and Degree students must obtain permission from the Warden should they wish to have overnight leave of absence. All students who expect to be absent from the College should leave some record of their movements.

VISITORS

Women students in residence may receive visitors any day between the hours of 4.00 and 6.00 p.m. and from 7.00 until 9.00 p.m., and at any time up to 11.45 p.m. on Saturdays. Visitors may be shown over the Residence only on Saturdays, except in the case of parents or friends from a distance. Guests may be entertained in the Reception Rooms and the Common Room; only parents and women friends may be shown students' bedrooms.

Women visitors to Brittain Hall may be entertained in the Reception Rooms only.

MUSIC

Music finds a place in the recreative and social activities of the College. Concerts, organ recitals, lectures, etc., will be given from time to time. It is suggested that those having musical instruments should bring them.

FEES

The College reserves the right to make changes without notice in its published scale of tuition, board and room, and other fees. Fees are not refundable except under special conditions as described below.

I. TUITION FEES. These fees include all the regular charges for registration, tuition, laboratories, libraries, Health Service, student activities, etc.

REGULAR UNDERGRADUATES

B.Sc.(Agr.) Course	$300.00
B.Sc.(H.Ec.) Course	300.00
Diploma Course in Agriculture	
(a) Children of farmers of the Province of Quebec, the Ottawa Valley in Ontario, and the Maritime Provinces	35.00
(b) All others	250.00
Handicrafts Course	375.00

LIMITED UNDERGRADUATES

Per unit of instruction (1 lecture or 1 laboratory period per week per term)	25.00
(Minimum per session $100.00; maximum per session, B.Sc. (Agr.), B.Sc.(H.Ec.) $300.00; Diploma Course in Agriculture $250.00)	

PARTIAL STUDENTS

Per unit of instruction	25.00
(Minimum per session $100.00)	

II. SPECIAL FEES AND PENALTIES.

Late registration (unless excused by the Dean)	5.00
Late registration after first week	10.00
Late payment (after specified date)	2.00
Conferring degree *in absentia*	10.00
Duplicate diploma	10.00
Transcript of record	1.00
Supplemental examination, per paper	2.00

III. STUDENT ACTIVITY FEE

There are various student activities at the College, such as the athletic associations, literary and debating society, publications, class societies, etc. which the students are expected to support. The affairs of these

organizations are in the hands of the students themselves and their operations are financed from a student activity fee of $16.00 which is included in the tuition fee listed above. The student activity fee is distributed as follows: Students' Council general funds $1.50; students' recreation centre $1.00; accident insurance $2.50; student organizations $11.00.

IV. BOARD AND RESIDENCE (per session, exclusive of the Christmas holidays)

B.Sc.(Agr.) Course	$465.00
B.Sc.(H.Ec.) Course	465.00
Diploma Course in Agriculture	320.00
Handicrafts Course	515.00

Students are not encouraged to remain in residence during the Christmas holidays. If, however, due to exceptional circumstances, special permission to remain in residence has been obtained from the Warden, the cost for room and board for this period will be $16.00 for a week or any part of a week.

SINGLE ROOMS

There is an extra charge for occupancy of the few single rooms in each residence. The sessional rates for single rooms may be obtained on application to the Secretary.

REGULATIONS CONCERNING PAYMENT, AND REMISSION, OF FEES

1. Tuition and board and residence charges are payable at the time of registration.

2. The College does not issue bills for fees.

3. Fees may be paid in two instalments, one at the beginning of the session, and one on January 15th following. In such case an instalment fee of $5.00 is charged. First instalment—one half of the total fees plus $2.50 instalment fee, less deposits already paid. Second instalment—balance of total fees plus $2.50 instalment fee.

More extended terms of payment may be arranged, where necessary, with the permission of the Secretary. In special cases of hardship, application may be made for a Macdonald College Bursary, etc. See section on Bursaries and Loan Funds, page 4617.

4. A list of the registered students whose accounts with the Secretary are in arrears will be sent to the Dean or Director of the Faculty or School concerned, on receipt of which the Dean or Director shall suspend these students from attendance; they will not be readmitted to classes until the account is settled, or a satisfactory arrangement is made with the Secretary.

5. A student who withdraws from the College during the course of the academic year must cancel his registration at the Registrar's Office, and, if in residence, return his meal ticket and residence card to the Secretary's Office.

6. In the case of students who, in spite of the fact that they leave the College before the end of the academic year, receive full credit for the year towards their degree, there shall be no refund of tuition fees.

7. In the case of students who leave during the academic year and do not receive credit beyond the period of their attendance, tuition fees shall be remitted on the following basis:

(a) In those Faculties or Schools where the academic year is divided into two terms, half of the annual fees shall be remitted to a student who leaves prior to the beginning of the second term.

(b) In those Faculties or Schools where the year is divided into three terms, one third of the fees shall be returned for each term that begins after the departure of the student.

8. No tuition fees shall be refunded for any term during which the student has attended classes, even though he leaves before the term has finished.

9. Residence fees are payable for the full academic year and will not be refunded, except in special circumstances.

10. The Dining Room portion of the residence fees is refundable in special circumstances to students who leave the College permanently during the session.

Avoidable breakage or damage to College property or equipment by a student, is charged to him on receipt of a report from the Chairman of the department concerned.

The Administration Office is open to receive payments from 9 a.m. to 4.30 p.m. daily—except Saturday, on which day the hours are from 9 a.m. to 12 noon.

All cheques, money orders, etc., should be drawn to the order of "The Secretary, Macdonald College," and should be made payable at par.

LAUNDRY SERVICE

Weekly laundry service at moderate prices is provided by a Montreal laundry to which students may send their personal washing, sheets, pillow covers, and towels. Printed lists will be furnished, two copies of which, properly filled out, must accompany each parcel. Fully equipped laundry rooms are also provided in each residence for students' use.

HEALTH SERVICE

The College Health Service provides medical examinations for all men and women students at the beginning of each session. The examination for students entering for the first time includes a complete clinical check, together with an X-ray of chest and routine laboratory procedures. Students who fail to comply with this requirement by November 1st in any academic year will be subject to a fine of five dollars, and students who fail to comply with it by November 15th will be suspended from membership of the University.

Medical and nursing attendance, major operations and illness excepted, will be provided to all students while in attendance at the College. During illness students are under the direction of the Medical Officer and may not leave the residence or infirmary without his permission.

It is not the function of the Health Service to undertake the care of serious cases beyong the initial diagnosis and emergency treatment. The patient will then be referred to the physician or surgeon of his choice or to the public service of designated hospitals.

The families of out-of-town students will be notified of any serious illness, and the action of the Health Service will be guided by their wishes or the advice of their family doctor.

Students entering the University are presumed to be in good health. If they are not, a statement to the contrary should be furnished to the Health Service before registration in the University is completed.

The University is not responsible for damages of any kind resulting from accidents or athletic injuries which may occur, nor for the medical or hospital expenses incurred by any person suffering an accident or athletic injury. In the case of injuries which occur during intercollegiate or intramural competition in athletics or in preparation therefor, the Health Service will render treatment, including hospitalization, if necessary, but any hospital expense in connection therewith shall be limited to the same maximum amount and conditions as in the case of hospitalization for illness. If circumstances appear to justify such action, the Director of the Department of Athletics, Physical Education, and Recreation may authorize additional services or contributions towards such cost.

If a student's admission to a city hospital is ordered by the College Medical Officer, one half of all public ward charges is paid by the College, provided that the total obligation assumed by the College does not exceed $125.00 in any one session for any one student. Should a student desire private accommodation, the difference in cost must be borne by him.

This contribution towards hospital expenses is made only when the illness or other condition requiring hospital treatment was not present or was unknown or undetected at the time of admission.

During the session, all students are covered by a group accident insurance policy, the premium for which is included in the student activity fee.

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination against smallpox within seven years. Students must be vaccinated before they come to the University. If they have not complied with this Government regulation, they will be vaccinated at the University and a fee of $5.00 will be charged. Failure to be vaccinated before a certain date in the term may result in the imposition of a fine of an additional $5.00.

BOOKS

The prescribed textbooks, and classroom and laboratory supplies, may be purchased at the College Book Shop.

HOUSEHOLD SCIENCE TRIPS

Students in Household Science are taken to visit various institutions in connection with their work, from time to time during their course, more especially in the senior years. Each student is responsible for her own expenses, which are kept to the minimum amount.

SUPPLIES

Material and supplies required for classes in Textiles and Clothing are provided by the students concerned and purchased at the direction of the instructor.

OUTFIT REQUIREMENTS FOR WOMEN STUDENTS

SCHOOL OF HOUSEHOLD SCIENCE—No uniforms are required in the First year of the B.Sc.(H.Ec.) course. Students in the Second, Third, or Fourth year of the B.Sc.(H.Ec.) course will be advised of the uniform requirements on acceptance or promotion.

GYMNASTIC COSTUME

Women students taking work in the gymnasium are required to wear the regulation gymnastic costume consisting of a tunic, teddy blouse, briefs, and short, white woollen socks and running shoes. The tunic, blouse, and briefs must be bought at the College; the current prices are $5.00, $2.25 and $1.00, respectively.

Students wishing to swim must provide themselves with bathing suits.

Faculty of Agriculture and School of Household Science

The following courses of study are offered by the Faculty of Agriculture and the School of Household Science:

I. Courses in Agriculture—

Bachelor of Science in Agriculture [*B.Sc.(Agr.)*]

A four-year course from junior matriculation leading to professional qualification in agricultural science, or in one of its specialized branches (page 4534).

The Diploma Course in Agriculture

A two-year practical course in farming, with the emphasis on training farmers' sons so that they may develop into "master farmers" (page 4590).

The Advanced Diploma Course

A one-year course provided for those students completing the Diploma course who wish further technical training in the scientific basis of agriculture (page 4599).

Postgraduate courses in Agricultural Science

These lead to the degrees of Master of Science and Doctor of Philosophy, with study and research in one or more of the Departments of the Faculty. The course of studies and examinations are controlled by the Faculty of Graduate Studies and Research (page 4589).

II. Courses in Household Science:

Bachelor of Science in Home Economics [*B.Sc.(H.Ec.)*]

A four-year course from junior matriculation leading to the professional qualifications necessary for dietetics or home economics education (page 4601).

III. Agricultural Specialist Teaching Certificate:

A one-year course offered in collaboration with the Institute of Education, for those holding the B.Sc.(Agr.) and intending to qualify themselves for the teaching profession (page 4588).

GENERAL ENTRANCE REQUIREMENTS

All candidates for admission:

1. Must have passed their seventeenth birthday.

2. Must furnish medical certificate of physical health on forms supplied by the College. All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination against smallpox. Students should be vaccinated before they come to the College. If they have not complied with this government regulation, they will be vaccinated at the College and a fee of $5.00 will be charged. Failure to be vaccinated before a certain date in the term may result in the imposition of a fine of an additional $5.00.

B.Sc.(Agr.) Course

This is a four-year course leading to the degree of Bachelor of Science in Agriculture; the degree when abbreviated is designated B.Sc.(Agr.).

The curriculum is organized with equal standards and similar plans to those of the other faculties of the University. During the first two years the work undertaken is common to all students and is limited to subjects which are basic in the study of all branches of agriculture. In the Third and Fourth years the student may specialize in a single branch of agriculture, or, in special cases, he may choose a combination of related subjects. In either case the outline of work must offer a comprehensive training in the major work and cognate subjects.

ENTRANCE REQUIREMENTS

1. It is the desire of the Faculty to admit to the B.Sc.(Agr.) course only those candidates who intend to pursue a career in agriculture and who possess qualities of character and intellect which indicate their adaptability to an academic environment.

2. General Entrance requirements have been set out on page 4533.

3. *Academic requirements:* Admission is at the discretion of a faculty committee. The committee accepts as a general standard the McGill School Certificate. The minimum requirement for consideration under this Certificate is that the candidate must have passed (obtained 50 per cent or more) in each of the subjects specified below, with a minimum of 10 papers. An average standing of not less than 60% in the 10 papers is required.

Papers	Required Subjects
1	English Literature
1	English Composition
1	History
1	Elementary Algebra
1	Elementary Geometry
	plus the following
1	One of Physics, Chemistry, or Biology
2	Two papers (i.e. Oral and Written) or Grammar and Composition in one of French, Latin, German, Spanish

2 Two additional papers chosen from

(a) the foreign language not already chosen

(b) the sciences not already chosen, i.e., Physics, Chemistry, Biology.

(c) Intermediate Algebra, Trigonometry, Art, Geography, Agriculture, North American Literature.

10

The following certificates are accepted in lieu of the McGill Junior School Certificate provided:

1. The certificate has been obtained under no easier conditions than those applying to the McGill Junior School Certificate; and

2. The subjects presented and the average standing obtained on such certificates conform generally to those listed above for the McGill Junior School Certificate:

Quebec: The High School Leaving Certificate
The Catholic High School Leaving Certificate

Ontario: Grade XII Certificate (including a statement of marks received in both Grades XI and XII.)

British Columbia and New Brunswick: Junior Matriculation

Alberta, Manitoba, Newfoundland, Nova Scotia and Saskatchewan: Grade XI Certificate.

Prince Edward Island: Second Year Certificate of Prince of Wales College.

United States: Certificates issued by the College Entrance Examination Board.

United Kingdom: For the General Certificate of Education, a minimum of passes in five acceptable subjects at the Ordinary level, including English and Mathematics; for the School Certificate, credit or higher standing in at least five acceptable subjects including English, Mathematics, a foreign language.

Students intending to enter by certificate should in no circumstances come to the College without having obtained from the Registrar a statement of the value of the certificates they hold.

Students with incomplete requirements may obtain standing in subjects included in the McGill School Certificate by writing McGill examinations.

A candidate may be admitted to the Second year if (1) he has completed all requirements for entrance to the First year and (2) has written and passed with acceptable standing the required papers of the McGill Senior School Certificate Examination. These are:

English Literature
English Composition
Algebra
Trigonometry
Physics
Chemistry
Approved Elective*

*Students without equivalent standing for Botany are required to take Botany 110 as an extra course in the second year.

The following certificates are accepted in lieu of the McGill Senior School Certificate:

Quebec: Senior Quebec High School Leaving Certificate
Senior Catholic High School Leaving Certificate

Ontario: Grade XIII Certificate

Alberta, Manitoba, Nova Scotia and Saskatchewan: Grade XII Certificate

Prince Edward Island: Third Year Certificate of Prince of Wales College

British Columbia: Senior Matriculation Certificate

United Kingdom: For the General Certificate, passes in five subjects at Ordinary Level, plus Physics and Chemistry at Advanced Level.

NON-CANADIAN STUDENTS

Applications for admission from students whose homes are outside Canada must be received before March 1st of any year if they are to be considered for acceptance for that calendar year. The applicant will be notified whether or not his application is accepted as soon after that date as possible.

ASSOCIATED COLLEGES

By special agreement, Prince of Wales College, Charlottetown, P.E.I. and the Nova Scotia Agricultural College, Truro, N.S., have arranged to provide their students with a course of study substantially equivalent to the first two years in Agriculture at Macdonald College. Students who have satisfactorily completed such a course of study and are specifically recommended by the authorities of their college are permitted to enter the third year at Macdonald College.

By special arrangement with the Ontario Veterinary College, students who have successfully completed the first two years of the B.Sc.(Agr.) course at Macdonald College will be admitted to the second year at the Ontario Veterinary College, Guelph, Ont. These students are required to attend a special pre-session short course at the Ontario Veterinary College, to receive training in those subjects in which further work is necessary to fit them for the work of the second year. This course starts about the middle of August each year.

PERMISSION TO STUDY

Candidates for admission to the Degree Course in Agriculture who intend to practise as professional agriculturists in the Province of Quebec must obtain approval of their application from La Corporation des Agronomes before beginning the course. Forms of application for Permission to Study and full particulars may be obtained from La Corporation des Agronomes de la Province de Quebec, Room 410, 10 St. James St. W., Montreal, or from the Registrar, Macdonald College.

Failure to comply with the regulations of the Corporation may cause a delay of a year or more before the candidate can be legally authorized to practise his profession in the Province of Quebec. Application for permission to study must be made before August 1st, 1958.

COURSE REQUIREMENTS

The requirements for graduation are:—

(a) Pass standing in all courses of the First and Second years, as outlined below.

(b) Pass standing in the Third and Fourth year courses equivalent to a minimum of 11 courses.

(c) Satisfactory distribution and concentration of courses:—See *Courses of Study* below.

(d) *Practical experience.* Satisfactory fulfilment of regulations concerning practical and professional experience, as below.

At least one season of farm experience is essential for admission to certain options in agriculture. Students who have not secured such experience by the beginning of the Third year may find themselves ineligible for admission to these options. In the case of students from outside Canada, this experience is best obtained in the country from which the student comes.

Students majoring in Agronomy are required to spend one summer in the Agronomy Department at the College, or at some other approved college or experimental farm. This may be between the Second and Third, or the Third and Fourth years. Students having extensive farm experience as a background are likely to find a wider range of opportunities for employment in the agronomic field.

Students majoring in Agricultural Engineering are required to have at least one season of farm experience and to work for a summer in some phase of agricultural engineering work approved by the Agricultural Engineering Department.

Students entering the Animal Husbandry option are required to present satisfactory evidence of having worked for a total of at least twelve months on a livestock farm.

Students entering the General Agriculture option are required to have spent at least twelve consecutive months on an approved farm.

Students majoring in Horticulture are required to spend one summer in the Horticulture Department at the College, or at some approved vegetable farm, fruit farm, or nursery.

Students majoring in Entomology or Plant Pathology are required to spend one summer in field or laboratory work, either at the College under the direction of the department concerned, or in one of the Government laboratories, or in some other place approved by the department concerned.

Students majoring in Poultry Husbandry are required to work for a summer on a poultry farm approved by the Poultry Husbandry Department.

No summer work or practical experience requirements need be met in the case of students majoring in Agricultural Bacteriology, Agricultural Chemistry, Agricultural Economics or General Biology.

SYLLABUS

B.Sc.(Agr.) Course

SUBJECTS	Course Numbers	Unit Value	Periods per week		Term Given
			Lects.	Labs.	
FIRST YEAR					
Agriculture:					
General Agriculture	110	6	2	1	Both
Botany:					
Introductory Botany	110	8	2	2	Both
Chemistry:					
Inorganic Chemistry	110	10	3	2	Both
English:					
Composition	114	4	1	1	Both
Literature	116	4	2	..	Both
Mathematics:					
Plane Trigonometry	111	3	2	..	First
	..	..	1	..	Second
Algebra	112	3	1	..	First
	..	..	2	..	Second
Physics:					
General Physics	112	8	3	1	Both
SECOND YEAR					
Agriculture:					
General Agriculture	220	6	2	1	Both
Chemistry:					
Organic Chemistry	220	10	3	2	Both
Economics:					
Elementary Principles	220b	3	3	..	Second
*English:					
Modern Literature	225	4	2	..	Both
or					
Speaking and Writing	226	4	2	..	First
	...	..	1	1	Second
Mathematics:					
Calculus	220	6	3	..	Both
Physics:					
General Physics	222	8	3	1	Both
Zoology:					
General Zoology	220	8	2	2	Both

*Second year students must take either English 225 or English 226.

See also elective courses in French and History, page 4577.

SYLLABUS

B.Sc.(Agr.) Course

Third and Fourth Years

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Agricultural Engineering:						
Farm Power Machinery	334b	4	2	2	Second	
Agricultural Drafting	335	6	..	3	Both	
Applied Mechanics	337	4	2	..	Both	
Shopwork	338	6	1	2	Both	
Farm Buildings	431b	4	2	2	Second	
Spraying and Dusting Equipment	432b	2	..	2	Second	
Farm Machinery	433a	4	2	2	First	
Projects	436b	3	..	3	Second	
Engineering for Land Development	439	6	2	1	First	}
		..	2	..	Second	
Farm Electrification	440	6	2	1	Both	
Agronomy:						
Cereal Crops	331b	3	2	1	Second	
Field Crop Production	343	6	2	1	Both	
Introduction to Agronomic Crops.	345	3	..	2	First	}
		..	..	1	Second	
Hay and Pasture Crops	432a	3	2	1	First	
Plant Breeding	435b	3	2	1	Second	
Crop Adaptation and Distribution	436b	3	2	1	Second	
Soil Management	438b	2	2	..	Second	
Projects	442	2	..	1	Both	
Statistical Methods	444a	2	..	2	First	
Miscellaneous Agronomic Crops	446a	2	2	..	First	
Animal Husbandry:						
Swine Production	330a	3	2	1	First	
Dairy Cattle Production	334b	3	2	1	Second	
Judging and Management	335b	3	..	3	Second	
Animal Breeding	338b	3	2	1	Second	
Horses, Sheep, Beef Cattle	441b	3	2	1	Second	
Projects	442a	3	..	3	First	
Judging and Management	443a	3	..	3	First	
Animal Pathology:						
Elementary Physiology	330b	3	3	..	Second	
Disease Prevention	431a	3	3	..	First	
Poultry Diseases	432b	2	..	2	Second	
Disease Prevention	434b	3	2	1	Second	
Bacteriology:						
General Microbiology	330b	4	2	2	Second	
Laboratory Methods	333b	4	1	3	Second	
Soil Microbiology	432a	4	2	2	First	
Food Microbiology	434b	4	2	2	Second	
Dairy Bacteriology	435a	4	2	2	First	
Projects	436	9	..	3	First	}
		..	..	6	Second	
Seminar	437	2	1	..	Both	
Physiology of Micro-organisms	438a	4	1	3	First	
Botany:						
Plant Physiology	330b	4	2	2	Second	
Histology—Cytology	331b	3	2	1	Second	
Methods	334a	3	1	2	First	
Plant Morphology	432a	3	1	2	First	
Systematic Botany	433	3	..	2	First	}
		..	..	1	Second	

SYLLABUS

B.Sc.(Agr.) Course

Third and Fourth Years (*continued*)

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Chemistry:						
Organic Preparations	331a	3	1	2	First	
Biochemistry	332a	4	2	2	First	
Quantitative Analysis	333a	6	2	4	First	
Qualitative Analysis	334b	6	2	4	Second	
Quantitative Analysis	335a	5	2	3	First	
Qualitative Analysis	336b	5	2	3	Second	
Physiological Chemistry	347b	4	2	2	Second	
Introductory Soil Science	354	8	2	2	Both	
Physical Chemistry	439	6	1	2	Both	
Projects	440	6	..	3	Both	
Seminar	441	2	1	..	Both	
Plant Biochemistry	448b	4	2	2	Second	
Food Chemistry	451a	4	2	2	First	
Advanced Food Analysis	452b	4	2	2	Second	
Dairying	430a	4	2	2	First	
Economics:						
Marketing of Farm Products	330b	3	3	..	Second	
Economics of Marketing	331b	3	3	..	Second	
Farm Accounting and Farm Management	332a	3	3	..	First	
Economic Analysis	333	6	3	..	Both	
Project	434c	3	..	3	Either	
Money and Banking	321	6	3	..	Both*	
Economic Statistics	361	6	3	..	Both*	
Economic Analysis	412 a,b	6	3	..	Both*	
English:						
Literature of Rural Life	331	3	1	..	First	
		..	2	..	Second	
Modern Drama	332	3	2	..	First	
		..	1	..	Second	
Extension Methods	330	4	1	1	Both	
Entomology:						
Insect Morphology	330	8	2	2	Both	
Insect Physiology	333	6	1	2	Both	
Systematic Entomology	335b	4	..	4	Second	
Economic Entomology	433	8	2	2	Both	
General and Economic Entomology	434b	4	2	2	Second	
Principles of Taxonomy	435b	4	4	..	Second	
Terrestrial Ecology	436	6	..	2	Both	1959-60
	..	..	2	..	Second	
Seminar	437	2	..	1	Both	
Projects	438	4	..	2	Both	
French	100	6	3	..	Both	
Genetics:	300	6	3	..	Both	
Elementary Genetics	330a	5	3	2	First	
History	100	6	3	..	Both	
Horticulture:						
Pomology (Orchard Fruits)	338a	4	2	2	First	1959-60
Pomology (Small Fruits)	339b	4	2	2	Second	1959-60
Horticultural Crops	343a	3	2	1	First	

* Faculty of Arts and Science.

SYLLABUS

B.Sc.(Agr.) Course

Third and Fourth Years (*continued*)

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Horticulture:—*Continued*						
Horticultural Crops	344b	3	2	1	Second	
Vegetable Crops	431	8	2	2	Both	1958-59
Landscape Architecture	432a	4	2	2	First	
Floriculture	435b	4	3	1	Second	
Plant Breeding	436b	3	2	1	Second	
Seminar	437	2	..	1	Both	
Fruit and Vegetable Preservation	442a	3	2	1	First	
Mathematics:						
Elementary Differential Equations	330	2	1	..	Both	
Elementary Statistics	331	3	1	1	First	
		..	..	1	Second	
Nutrition:						
Fundamentals of Nutrition	430	6	2	1	Both	
Applied Animal Nutrition	432b	2	2	..	Second	
Project	433c	3	..	3	Either	
Physics:						
Biophysics	333a	4	2	2	First	
Biophysics	340a	2	1	1	First	
Meteorology	432b	1	1	..	Second	
Soil Physics	436a	2	1	1	First	
Molecular and Atomic Physics	438	4	2	..	Both	
Plant Pathology						
Technique	330b	3	1	2	Second	
Diseases of Plants	331a	4	2	2	First	
Mycology	333a	4	2	2	First	
Plant Pathology	332b	4	2	2	Second	
Plant Pathology	436	8	2	2	Both	
Projects	434	4	..	2	Both	
Seminar	435	2	..	1	Both	
Poultry Husbandry:						
General Poultry Husbandry	333a	4	3	1	First	
Poultry Products Technology	339b	2	1	1	Second	
History of Breeds and Judging	431a	2	..	2	First	1959-60
Breeding Principles	434b	3	2	1	Second	1959-60
Poultry Farm Management	435	4	1	1	Both	
Research	436	4	..	2	Both	
Projects (3rd year)	437	2	..	2	Second	
Projects (4th year)	437	6	..	3	Both	
Poultry Nutrition	438b	3	2	1	Second	1958-59
Sociology:						
Introduction to Sociology	340c	3	3	..	Either	
Woodlot Management	330b	2	1	1	Second	
Zoology:						
Technique	332b	2	..	2	Second	
Comparative Vertebrate Anatomy	431	6	2	..	Second	1959-60
		..	..	2	Both	
Economic Invertebrate Zoology	432	6	2	..	Second	1958-59
		..	..	2	Both	

EVALUATION OF COURSES

For the purposes of evaluation, a full course consists of three lectures per week throughout the year, and is rated at 6 units. A two-hour laboratory period equals one lecture period. More or less than full courses are rated proportionately. One "unit" is one lecture or one laboratory period per week for one term.

COURSES OF STUDY

Before entering upon the Third year, students must prepare, in consultation with the professors under whom major subjects are to be taken, summaries of courses to be taken in the Third and Fourth years, which shall include the equivalent of not less than 11 nor more than 12½ full courses (*i.e.*, from 66 to 75 units). Term schedules must be approved by the Faculty.

During the Third and Fourth years, students may specialize in any one of the following subjects. In special cases, and when approved by Faculty, a combination of two subjects may be arranged. In this case not less than 3½ full courses (21 units) must be taken in each subject.

MAJOR SUBJECTS OFFERED

Agricultural Engineering	Agricultural Economics
Agronomy	Entomology
Animal Husbandry	Horticulture
Agricultural Bacteriology	Plant Pathology
Agricultural Chemistry	Poultry Husbandry

In addition to the foregoing, courses are offered in General Agriculture and in General Biology, as follows:

GENERAL AGRICULTURE

This option is designed for students who do not care to follow one of the specialized courses offered but who wish to obtain a general training in agriculture together with the basic sciences. It offers the type of training asked for by those wishing to do extension work, to enter the commercial field, or to farm. It is arranged to meet the requirements of students who wish to give special attention to combinations of subjects which are not provided for otherwise. Though planned as a general course, it provides the possibility of pursuing graduate studies.

This option is under the direction of the Chairmen of the Departments of Agronomy and of Animal Husbandry.

GENERAL BIOLOGY

This option is designed for students who do not desire to take one of the more rigid professional courses during their undergraduate years, but rather to select courses which will serve as a foundation to later specialization in one of the fields of Applied Biology as it relates to Agriculture. The courses in this option are arranged so that the student may emphasize either the botanical or the zoological sciences.

This option is under the direction of the Chairmen of the Departments of Entomology and of Plant Pathology.

The following are the courses which are obligatory in the various options. Any additional courses needed to make up the minimum requirements of 66 units may be selected from any courses listed in the Announcement, subject to time table restrictions. No schedule may contain more than 75 units.

AGRICULTURAL ENGINEERING

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering 334b	4	..	..	2	2
Agricultural Engineering 335	6	..	3	..	3
Agricultural Engineering 337	4	2	..	2	..
Agricultural Engineering 338	6	1	2	1	2
Animal Husbandry 335b	3	..	..	..	3
Chemistry 354 (lectures only)	4	2	..	2	..
Economics 332a	3	3	..	..	..
Mathematics 330	2	1	..	1	..
Plant Pathology 331a	4	2	2	..	..
Total units	36	11	7	8	10

FOURTH YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering 431b	4	..	..	2	2
Agricultural Engineering 432b	2	..	..	..	2
Agricultural Engineering 433a	4	2	2	..	..
Agricultural Engineering 436b	3	..	..	..	3
Agricultural Engineering 439	6	2	2	2	..
Agricultural Engineering 440	6	2	1	2	1
Agronomy 343	6	2	1	2	1
Physics 436a	2	1	1	..	..
Total units	33	9	7	8	9

Total—69 units

AGRONOMY

Agronomy deals with the science of field crop production. Inasmuch as crop production can be divided into two broad phases, viz., plant and soil, the option is designed to permit students to so specialize. In the Third year all students electing agronomy take the same courses, selected to give a broad base in fundamental sciences. In the Fourth year the student elects one of two phases, viz., plant phase including plant breeding, or soil phase.

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy 331b	3	..	..	2	1
Agronomy 345	3	..	2	..	1
Bacteriology 330b	4	..	..	2	2
Botany 330b	4	..	..	2	2
Botany 433	3	..	2	..	1
Chemistry 332a (lectures only)	2	2	..	..	..
Chemistry 354	8	2	2	2	2
Genetics 330a	5	3	2	..	..
Mathematics 331	3	1	1	..	1
Physics 333a	4	2	2	..	..
Agronomy 442*	..	..	..	..	..
Total units	39	10	11	8	10

* All Third year students are required to attend oral presentations in this course.

FOURTH YEAR—PLANT PHASE

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering 433a	4	2	2	..	..
Agronomy 432a	3	2	1	..	..
Agronomy 435b	3	..	..	2	1
Agronomy 436b	3	..	..	2	1
Agronomy 438b	2	..	..	2	..
Agronomy 442	2	..	1	..	1
Agronomy 444a	2	..	2	..	..
Agronomy 446a	2	2	..	..	..
Animal Husbandry 335b	3	..	..	..	3
Economics 331b	3	..	..	3	..
Entomology 434b	4	..	..	2	2
Plant Pathology 331a	4	2	2	..	..
Total units	35	8	8	11	8

Total—74 units

FOURTH YEAR—SOIL PHASE

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering 439 (1st term only)	4	2	2	..	..
Agronomy 432a	3	2	1	..	..
Agronomy 436b	3	..	..	2	1
Agronomy 438b	2	..	..	2	..
Agronomy 442	2	..	1	..	1
Agronomy 444a	2	..	2	..	..
Agronomy 446a	2	2	..	..	..
Bacteriology 432a	4	2	2	..	..
Chemistry 335a	5	2	3	..	..
Chemistry 336b	5	..	..	2	3
Chemistry 448b	4	..	..	2	2
Total units	36	10	11	8	7

Total—75 units

ANIMAL HUSBANDRY

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Husbandry 330a	3	2	1	..	..
Animal Husbandry 334b	3	..	..	2	1
Animal Husbandry 335b	3	..	..	..	3
Animal Husbandry 338b	3	..	..	2	1
Animal Pathology 330b	3	..	..	3	..
Bacteriology 330b	4	..	..	2	2
Chemistry 332a	4	2	2	..	..
Chemistry 347b (lectures only)	2	..	..	2	..
Genetics 330a	5	3	2	..	..
Mathematics 331	3	1	1	..	1
Physics 340a	2	1	1	..	..
Total units	35	9	7	11	8

FOURTH YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy 343	6	2	1	2	1
Animal Husbandry 441b	3	..	..	2	1
Animal Husbandry 442a	3	..	3	..	..
Animal Husbandry 443a	3	..	3	..	..
Animal Pathology 431a	3	3	..	..	..
Animal Pathology 434b	3	..	..	2	1
Dairying 430a	4	2	2	..	..
Economics 331b	3	..	..	3	..
Nutrition 430	6	2	1	2	1
Nutrition 432b	2	..	..	2	..
Total units	36	9	10	13	4

Total—71 units

AGRICULTURAL BACTERIOLOGY

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology 330b	4	..	..	2	2
Bacteriology 333b	4	..	..	1	3
Chemistry 332a	4	2	2	..	..
Chemistry 333a	6	2	4	..	..
Chemistry 334b	6	..	..	2	4
Chemistry 347b or Chemistry 448b	4	..	..	2	2
Mathematics 331	3	1	1	..	1
Physics 333a	4	2	2	..	..
Plant Pathology 333a	4	2	2	..	..
Total units	39	9	11	7	12

FOURTH YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology 432a	4	2	2	..	..
Bacteriology 434b	4	..	..	2	2
Bacteriology 435a	4	2	2	..	..
Bacteriology 436	6	..	3	..	3
Bacteriology 437	2	..	1	..	1
Bacteriology 438a	4	..	..	1	3
Chemistry 354 (lab. 1st term only)	6	..	2	2	2
or					
Chemistry 451a, and	4	2	2	..	..
Chemistry 452b (lectures only)	2	..	..	..	2
Elective*	6	..	..	2	..
Total units	36	..	..	..	..

* Students are required to add one or more elective courses, to a maximum of 6 units, these to be chosen in consultation with the Chairman of the Department.

Total—75 units

AGRICULTURAL CHEMISTRY

ANIMAL BIOCHEMISTRY GROUP

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology 330b	3	..	..	3	..
Bacteriology 330b	4	..	..	2	2
Chemistry 331a	3	1	2	..	..
Chemistry 332a	4	2	2	..	..
Chemistry 333a	6	2	4	..	..
Chemistry 334b	6	..	..	2	4
Chemistry 347b	4	..	..	2	2
Mathematics 330	2	1	..	1	..
Physics 333a	4	2	2	..	..
Total units	36	8	10	10	8

FOURTH YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology 434b	4	..	..	2	2
Chemistry 439	6	1	2	1	2
Chemistry 440	6	..	3	..	3
Chemistry 441	2	1	..	1	..
Chemistry 451a	4	2	2	..	..
Chemistry 452b	4	..	..	2	2
Mathematics 331	3	1	1	..	1
Nutrition 430	6	2	1	2	1
Physics 438	4	2	..	2	..
Total units	39	9	9	10	11

Total—75 units

AGRICULTURAL CHEMISTRY

SOIL AND PLANT GROUP

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology 330b	4	..	..	2	2
Botany 330b	4	..	..	2	2
Chemistry 332a	4	2	2	..	..
Chemistry 333a	6	2	4	..	..
Chemistry 334b	6	..	..	2	4
Chemistry 354	8	2	2	2	2
Mathematics 330	2	1	..	1	..
Physics 333a	4	2	2	..	..
Total units	38	9	10	9	10

FOURTH YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy 438b	2	..	..	2	..
Bacteriology 432a	4	2	2	..	..
Chemistry 331a	3	1	2	..	..
Chemistry 439	6	1	2	1	2
Chemistry 440	6	..	3	..	3
Chemistry 441	2	1	..	1	..
Chemistry 448b	4	..	..	2	2
Mathematics 331	3	1	1	..	1
Physics 436a	2	1	1	..	..
Physics 438	4	2	..	2	..
Total units	36	9	11	8	8

Total—74 units

AGRICULTURAL ECONOMICS

Students electing Economics as a major subject take their Third year work at Macdonald College and their Fourth year work in the Department of Economics and Political Science at McGill University. They must have attained a standing in the first two years equivalent to at least second class honours according to the standards of the Faculty of Arts and Science, and have their courses approved by the Chairmen of the departments concerned. This option fulfils the academic requirements for admission to the Faculty of Graduate Studies and Research for work leading to the degree of Master of Arts. Unlike other options, a minimum of only 61 units is required.

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy 343	6	2	1	2	1
Animal Husbandry 330a	3	2	1	..	..
or					
Horticulture 343a	3	2	1	..	..
Animal Husbandry 334b	3	..	..	2	1
or					
Horticulture 344b	3	..	..	2	1
Chemistry 354 (no lab. in 2nd term)	6	2	2	2	..
Economics 330b	3	..	..	3	..
Economics 331b	3	..	..	3	..
Economics 332a	3	3	..	..	..
Economics 333	6	3	..	3	..
Extension Methods 330	4	1	1	1	1
Total units	37	13	5	16	3

FOURTH YEAR (in Montreal)

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Economics	321	3	..	3	..
Economics	361	3	..	3	..
Economics	412	3	..	3	..
Elective		3	..	3	..
Total units		12		12	

321—Money and Banking.
361—Statistics.
412—Economic Analysis.

Total—61 units

ENTOMOLOGY

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Chemistry 332a	4	2	2	..	..
Entomology 330	8	2	2	2	2
Entomology 335b	4	..	..	..	4
Entomology 333	6	1	2	1	2
Entomology 437	2	..	1	..	1
Physics 333a	4	2	2	..	..
Total units	28	7	9	3	9

FOURTH YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Entomology 433	8	2	2	2	2
Entomology 435b	4	..	..	4	..
Entomology 437	2	..	1	..	1
Entomology 438	4	..	2	..	2
Genetics 330a	5	3	2	..	..
Mathematics 331	3	1	1	..	1
Total units	26	6	8	6	6

Third or Fourth Year (depending on session offered).

1 Either Entomology 436 2 labs. per week, both terms; 2 lects. per week, 2nd term (1959-60)
Or Zoology 431 2 labs. per week, both terms; 2 lects. per week, 2nd term (1959-60)
2 Zoology 432 2 labs. per week, both terms; 2 lects. per week, 2nd term (1958-59)

Total—66 units

†GENERAL AGRICULTURE

THIRD YEAR—Obligatory courses

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy 343	6	2	1	2	1
Animal Husbandry 334b	3	..	..	2	1
Chemistry 332a	4	2	2	..	..
Chemistry 354	8	2	2	2	2
Economics 330b	3	..	..	3	..
Economics 332a	3	3	..	..	..
Mathematics 331	3	1	1	..	1
Total units	30	9	8	8	5

THIRD YEAR—Elective courses †

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology 330b	3	..	..	3	..
Botany 330b	4	..	..	2	2
Horticulture 344b	3	..	..	2	1
Plant Pathology 331a	4	2	2	..	..

†It is intended that elective courses to bring the total units up to the requirements (minimum 66, maximum 75), shall be chosen from those listed. However, other courses listed in the Announcement may also be elected.

GENERAL AGRICULTURE

FOURTH YEAR—Obligatory courses

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering 439	6	2	2	2	..
Animal Husbandry 330a	3	2	1	..	..
Bacteriology 330b	4	..	..	2	2
Extension Methods 330	4	1	1	1	1
Genetics 330a	5	3	2	..	..
Nutrition 430	6	2	1	2	1
Total units	28	11	5	8	4

FOURTH YEAR—Elective courses

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Entomology 434b	4	..	..	2	2
Poultry 333a	4	3	1	..	..

GENERAL BIOLOGY

BOTANICAL GROUP

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Botany 330b	4	..	..	2	2
Botany 331b	3	..	..	2	1
Botany 334a	3	1	2	..	..
Chemistry 332a	4	2	2	..	..
Chemistry 448b	4	..	..	2	2
Mathematics 331	3	1	1	..	1
Physics 333a	4	2	2	..	..
Plant Pathology 331a	4	2	2	..	..
Total units	29	8	9	6	6

FOURTH YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology 330b	4	..	..	2	2
Botany 432a	3	1	2	..	..
Entomology 434b	4	..	..	2	2
Genetics 330a	5	3	2	..	..
Plant Pathology 333a	4	2	2	..	..
Plant Pathology 435	2	..	1	..	1
Total units	22	6	7	4	5

Third or Fourth Year (depending on session offered).

Zoology 431 — 2 labs. per week, both terms; 2 lects. per week, 2nd term (1959-60)

or

Zoology 432 — 2 labs. per week, both terms; 2 lects. per week, 2nd term (1958-59)

Total—57 units

GENERAL BIOLOGY

ZOOLOGICAL GROUP

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Botany 432a	3	1	2	..	..
Botany 433	3	..	2	..	1
Chemistry 332a	4	2	2	..	..
Chemistry 347b	4	..	..	2	2
Entomology 330	8	2	2	2	2
Entomology 437	2	..	1	..	1
Physics 333a	4	2	2	..	..
Zoology 332b	2	..	..	2	..
Total units	30	7	11	6	6

FOURTH YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology 330b	3	..	..	3	..
Bacteriology 330b	4	..	..	2	2
Entomology 434b	4	..	..	2	2
Entomology 437	2	..	1	..	1
Genetics 330a	5	3	2	..	..
Mathematics 331	3	1	1	..	1
Plant Pathology 331a	4	2	2	..	..
Total units	25	6	6	7	6

Third or Fourth Year (depending on session offered).

Zoology 431 — 2 labs. per week, both terms; 2 lects. per week, 2nd term (1959-60)

Zoology 432 — 2 labs. per week, both terms; 2 lects. per week, 2nd term (1958-59)

Total—67 units

HORTICULTURE

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology 330b	4	..	..	2	2
Botany 330b	4	..	..	2	2
Chemistry 332a	4	2	2	..	..
Chemistry 354	8	2	2	2	2
Mathematics 331	3	1	1	..	1
Physics 333a	4	2	2	..	..
Plant Pathology 331a	4	2	2	..	..
Total units					

FOURTH YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy 444a	2	..	2	..	..
Agricultural Engineering 439 (1st term only)	4	2	2	..	..
Botany 433	3	..	2	..	1
Entomology 434b	4	..	..	2	2
Genetics 330a	5	3	2	..	..
Horticulture 432a	4	2	2	..	..
Horticulture 435b	4	..	..	3	1
Horticulture 436b	3	..	..	2	1
Horticulture 437	2	..	1	..	1
Total units					

Third or Fourth Year (depending on session offered)

Horticulture 338a 2 lects., 2 labs. per week, 1st term (1959-60)
Horticulture 339b 2 lects., 2 labs. per week, 2nd term (1959-60)
Horticulture 431 2 lects., 2 labs., per week, both terms (1958-59)

Total—71 units

Horticulture specialists must take two of the following three groups: Horticulture 431; Horticulture 432a, 435b and Woodlot Management 330b; Horticulture 338a, 339b.

PLANT PATHOLOGY

THIRD YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology 330b	4	..	..	2	2
Botany 330b	4	..	..	2	2
Botany 331b	3	..	..	2	1
Botany 334a	3	1	2	..	..
Chemistry 332a	4	2	2	..	..
Mathematics 331	3	1	1	..	1
Physics 333a	4	2	2	..	..
Plant Pathology 330b	3	..	..	1	2
Plant Pathology 332b	4	..	..	2	2
Plant Pathology 333a	4	2	2	..	..
Total units	36	8	9	9	10

FOURTH YEAR

COURSES	Unit Value	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering 432b	2	..	..	..	2
Botany 432a	3	1	2	..	..
Botany 433	3	..	2	..	1
Chemistry 448b	4	..	..	2	2
Entomology 434b	4	..	..	2	2
Genetics 330a	5	3	2	..	..
Horticulture 344b	3	..	..	2	1
Plant Pathology 435	2	..	1	..	1
Plant Pathology 436	8	2	2	2	2
Total units	34	6	9	8	11

Total—70 units

POULTRY HUSBANDRY

THIRD YEAR

COURSES	Unit Value	1st term		2nd term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology 330b	3	..	..	3	..
Bacteriology 330b	4	..	..	2	2
Chemistry 332a	4	2	2	..	..
Economics 330b	3	..	..	3	..
Economics 332a	3	3	..	..	..
Genetics 330a	5	3	2	..	..
Mathematics 331	3	1	1	..	1
Physics 333a	4	2	2	..	..
Poultry 333a	4	3	1	..	..
Poultry 339b	2	..	..	1	1
Total units	35	14	8	9	4

FOURTH YEAR

COURSES	Unit Value	1st term		2nd term	
		Lects.	Labs.	Lects.	Labs.
Agronomy 343	6	2	1	2	1
Animal Pathology 431a	3	3	..	..	..
Animal Pathology 432b	2	..	..	..	2
Animal Husbandry 338b	3	..	..	2	1
or					
Chemistry 347b	4	..	..	2	2
Economics 331b	3	..	..	3	..
Poultry 435	4	1	1	1	1
Poultry 436	4	..	2	..	2
Poultry 437	6	..	3	..	3
Total units	31 or 32	6	7	8	10 or 11

Third or Fourth Year (depending on session offered).

Poultry 431a 2 labs. per week, 1st term (1959-60).
Poultry 434b 2 lects., 1 lab. per week, 2nd term (1959-60).
Poultry 438b 2 lects., 1 lab. per week, 2nd term (1958-59).

Total—74 or 75 units

DESCRIPTION OF COURSES—

Courses designated "a" are given in the first term only.
Courses designated "b" are given in the second term only.
Courses designated "c" may be given in either term.
Courses with no letter designation continue throughout both terms.

Code

A — Agricultural Building	E — Agricultural Engineering Building
B — Biology Building	M — Main Building
C — Chemistry Building	P — Poultry Building
M — Monday	Th — Thursday
Tu — Tuesday	F — Friday
W — Wednesday	S — Saturday

Example: Tu. Th. 8:30—C228 = Tuesdays and Thursdays at 8.30 in Room 228 in the Chemistry Building.

DEPARTMENT OF AGRICULTURAL ENGINEERING

Professor	ANGUS BANTING
Associate Professor	J. H. COOPER
Assistant Professor	A. C. MALLOCH

334b. FARM POWER MACHINERY

A study of internal combustion engines, tractors, and power transmission.

M. W. 9:30—E106; Lab. W. 1:30, 3:30—E10. *Professor Cooper*

Text Book:—Jones, Farm Gas Engines and Tractors.

335. AGRICULTURAL DRAFTING

The use of drawing instruments, projection, elementary architectural drawing. Perspective, architectural, and machine drawing.

Text Book:—French and Vierek, Engineering Drawing.

Labs.: W. 1:30, 3:30—E208; F. 8:30, 9:30—E208—1st term; Th. 1:30, 3:30—E208; F. 8:30, 9:30—E208—2nd term. *Professor Malloch*

337. MECHANICS OF MATERIALS

Resolution and composition of force systems; force polygons; centres of gravity; reactions and stresses in structures. Strength of materials.

W. F. 10:30—E106. *Professor Cooper*

Text Book:—Poorman, Applied Mechanics.

338. SHOPWORK

Hand and power equipment in woodworking; structural joints and fastenings; ropework and belting. *Professor Malloch*

Metals: properties and physical tests, heat treatments, forging, welding (forge, flame, arc), soldering. Machine shop techniques. *Professor Cooper*

M. 10:30—E106; Lab. F. 1:30, 3:30—E2 and E4—1st term; M. 10:30—E106; Lab. S. 8:30, 9:30, 10:30, 11:30—E102—2nd term.

Text Book:—Ashcroft and Easton, General Shopwork.

431b. FARM BUILDINGS

Requirements, design, and construction of various farm buildings, insulation, heat loss, ventilation and sanitation.

Prerequisite:—Agr. Eng. 335 and 337.

Tu. Th. 8:30—E106; Lab. Th. 1:30, 3:30—E208.

Professors Banting and Malloch

Text Book:—Foster and Carter, Farm Buildings.

432b. SPRAYING AND DUSTING EQUIPMENT

A laboratory study of spray pumps, dusting machines, spray guns, and other equipment.

M. 1:30, 3:30—E10. *Professor Malloch*

433a. FARM MACHINERY

A study of tillage, harvesting, and crop processing machinery. Field tests, dynamometer studies, hitches, and adjustments.

M. W. 8:30—E10; Lab. Th. 1:30, 3:30—E10. *Professor Malloch*

Text Book:—Smith, Farm Machinery and Equipment.

436b. PROJECTS

Second term. Credit—one-half course.

439. ENGINEERING FOR LAND DEVELOPMENT

Part I. Methods of land surveying applicable to agriculture, including area surveys, levelling, mapping, and making of drainage profiles: land drainage, elements of hydraulics. Part II. Engineering aspects of erosion control, farm pond design, irrigation, and land clearing. Prerequisite, Part I. Non-specialists may elect Part I only if desired.

W. F. 11:30—E106; Lab. S. 9:30, 10:30—E106 plus 5 days field work prior to opening date of session—1st term; M. W. 10:30—E102—2nd term. *Professor Banting*

Text Books:—For students taking Part I only: Roe and Ayres, Engineering for Agricultural Drainage.

For students taking Parts I and II: Frevert, Schwab, Edminster and Barnes, Soil and Water Conservation Engineering.

440. FARM ELECTRIFICATION

Applied electricity, current distribution on the farm, wiring codes, motors and electric equipment for the farm.

Tu. Th. 9:30—E102; Lab. Tue. 1:30—E202. *Professor Cooper*

Text Book:—Gray and Wallace, Principles and Practice of Electrical Engineering.

AGRICULTURE

Two orientation courses provided by the departments of Economics, Horticulture, Poultry, Engineering, Animal Husbandry and Agronomy, offering a general view of agriculture, and some consideration of the nature and problems of the various branches in relation to each other and to the sciences.

110. AGRICULTURE:

Part 1 Economics—Considers the nature of economics, examines the place of agriculture in the economy, and introduces the economics of Canadian Agriculture. *Professor Haviland*

Part 2 Horticulture—A survey of the fruit and vegetable industries, landscape practice, floriculture, and the secondary horticultural divisions, fruit preservation, and nursery practice in relation to other branches of agriculture. *Professors Murray, Taper, David and Harney*

Part 3 Poultry—An introductory survey of production and marketing practices in the poultry industry. *Professors Maw and Nikolaiczuk*

Part 4 Engineering—Lectures and demonstrations on the role of engineering in agriculture, covering general principles of land development, farm machinery, farm power machinery (including rural electrification), farm buildings and rural sanitation.

W. F. 11:30—A202; Lab. F. 3:30—A202.

Professors Banting, Cooper and Malloch

220. AGRICULTURE.

Part 1 Animal Husbandry—Designed to give an appreciation of the development and importance of the livestock industry, type and present levels of production of farm livestock, and breeding, feeding and management practices. *Professors Hamilton & Moxley*

Part 2 Agronomy—Soil and crop management and a general review of the most important crops in Canada. *Professor Raymond*

Part 3 Economics—An extension of Part 1 of Agr. 110, delineating federal and provincial jurisdiction over agriculture, and studying farm credit and co-operatives.

Tu. Th. 11:20—A202; Lab. F. 1:30. *Professor Haviland*

DEPARTMENT OF AGRONOMY

Professors	H. A. STEPPLER, *Chairman of the Department* L. C. RAYMOND (*Post-retirement*)
Associate Professor	R. I. BRAWN
Assistant Professor	H. R. KLINCK
Lecturer	J. S. BUBAR
Instructor and Field Superintendent	W. W. KEELER

331b. CEREAL CROPS

An intensive study of cereal crops; production, types, varieties, culture, utilization, seed production, grain and seed grades.

Prerequisite:—Agronomy 345.

Tu. Th. 8:30—A248; Lab. Tu. 3:30—A230. *Professor Klinck*

343. FIELD CROP PRODUCTION

For students other than specialists in Agronomy. Crop adaptation, factors affecting production, forage and grain crops.

Tu. Th. 10:30—A202; Lab. W. 1:30—A230.

Dr. Bubar and Professor Klinck

345. INTRODUCTION TO AGRONOMIC CROPS

A study of characteristics of important agronomic crops.

Prerequisite for Agronomy 331b, 432a, 446a.

Lab. F. 1:30, 3:30—A230—1st term; Lab. W. 3:30—A230—2nd term.

Dr. Bubar

432a. HAY AND PASTURE CROPS

An intensive study of forage crops; species, varieties, adaptation, mixtures, management, preservation, and seed production.

Prerequisite:—Agronomy 345.

W. F. 9:30—A204; Lab. M. 10:30, 11:30—A230. *Professor Steppler*

435b. PLANT BREEDING

Problems, methods, and the interpretation of results, in the breeding of field crops. Prerequisite:—Genetics 330a, and Botany 433 or one Crops Course.

Tu. Th. 8:30—A204; Lab. M. 1:30—A204. *Professor Brawn*

436b. CROP ADAPTATION AND DISTRIBUTION

Factors influencing crop adaptation and their effect on distribution.

Tu. Th. 10:30—A204; Lab. W. 1:30—A204. *Professor Brawn*

438b. SOIL MANAGEMENT

An analysis of factors influencing soil productivity and their control.

Prerequisite:—Chemistry 354.

W. F. 10:30—A204. *Dr. Bubar*

442. PROJECTS

Directed study on an approved problem, requiring both oral and written presentation. Third and Fourth year students must attend all oral presentations. The total time for Third and Fourth year students is equivalent to one lab. per week, both terms.

Professor Steppler and Staff

444a. STATISTICAL METHODS

Experimentation, analysis, and design in biological research.

Prerequisite:—Mathematics 331 or its equivalent. See also course Agronomy 60 in the Faculty of Graduate Studies and Research, of which this is a part.

Lab. W. F. 1:30—A202. *Professor Steppler*

446a. MISCELLANEOUS AGRONOMIC CROPS

A study of agronomic crops not discussed in Agronomy 331b or 432a, which are grown for the production of oil, fibre, sugar, and other products of economic importance.

Prerequisite:—Agronomy 345.

W. F. 10:30—A204. *Professor Klinck*

DEPARTMENT OF ANIMAL HUSBANDRY

Professor	E. W. CRAMPTON
Associate Professor, Chairman of the Department	LIONEL H. HAMILTON
Assistant Professors	P. A. ANASTASSIADIS
	J. E. MOXLEY

330a. SWINE PRODUCTION

Care, feed, and management of swine. Special problems of bacon hog production. Swine experimentation and interpretation of results.

Tu. Th. 8:30—A146; Lab. Tu. 1:30—Livestock Barn.

Professor Hamilton

334b. DAIRY CATTLE PRODUCTION

The production of dairy cattle, with special reference to the problems of the dairy cattle industry; breeding, care, and management of dairy cattle; dairy cattle organizations.

Tu. Th. 8:30—A146; Lab. Tu. 1:30—Livestock Barn.

335b. LIVESTOCK JUDGING AND MANAGEMENT

An introductory course dealing with the principles and practice of livestock selection and management. For students other than specialists in Animal Husbandry.

Tu. 3:30; .Lab. F. 1:30, 3:30—A146 and Livestock Barn.

Professor Moxley

338b. ANIMAL BREEDING

Genetics in relation to the breeding of farm animals.

Prerequisite:—Genetics 330a.

M. W. 10:30—A146; Lab. W. 3:30—A146. *Professor Moxley*

441b. HORSES, SHEEP, AND BEEF CATTLE

A course covering the important features of the production of these classes of stock in Canada.

Tu. Th. 9:30—A204; Lab. Th. 1:30—Livestock Barn.

Professor Hamilton

442a. PROJECTS

In special cases, permission may be obtained to substitute Nutrition 433a for this course. *Staff*

443a. LIVESTOCK JUDGING AND MANAGEMENT

An advanced course in livestock selection and management. This course includes visits to various farms, breeding establishments, and livestock shows.

Labs. M.1:30; Th. 1:30, 3:30—A146 and Livestock Barn. *Staff*

DEPARTMENT OF ANIMAL PATHOLOGY

Assistant Professor, Chairman of the Department — D. G. DALE

330b. ELEMENTARY PHYSIOLOGY

W.F.S. 8:30—B112. *Professor Dale*

431a. DISEASE PREVENTION

The causes of disease; elementary immunology. General principles of disease prevention, sanitation, and hygiene. Prerequisite for Animal Pathology 432b.

Prerequisite:—Animal Pathology 330b and Bacteriology 330b or its equivalent.

M.W.F. 11:30—B202. *Staff*

432b. POULTRY DISEASES

Autopsy and laboratory work; discussion of the important poultry diseases.

Prerequisite:—Animal Pathology 431a.

Tu. 1:30, 3:30—B202 and B248. *Staff*

434b. DISEASE PREVENTION

Specific problems in the prevention of diseases of animals caused by bacteria, viruses, internal parasites, external parasites, and nutritional deficiences. Prerequisite:—Animal Pathology 431a.

M. W. 10:30—B202; Lab. W. 3:30—B248. *Professor Dale*

DEPARTMENT OF AGRICULTURAL BACTERIOLOGY

Professor — A. C. BLACKWOOD

Lecturer — R. KNOWLES

330b. GENERAL MICROBIOLOGY

General introduction to microbiology; elementary principles of microbial morphology and physiology; relation of microorganisms to fermentations, food, dairy, water, sewage, soils and disease.

Tu. Th. 10:30—B118; Lab. M. W. 1:30—B118. *Professor Blackwood*

Text Books: Frobisher, Fundamentals of Bacteriology; Stanier, et al., The Microbial World (option students only).

333b. LABORATORY METHODS

A study of techniques especially as applied to bacterial morphology and physiology; enrichment, isolation and identification of selected groups of microorganisms.

Tu. 9:30—B118; Lab. M. W. 3:30; Lab. F. 10:30, 11:30—B118.

Staff

Text Book: Manual of Microbiological Methods.

432a. SOIL MICROBIOLOGY

A study of some of the groups of microorganisms in the soil and their importance in the dynamics of soil processes. Methods of counting and isolating organisms and of studying soil metabolism. Ecology of the soil microbial population and its interrelationships with higher plants.

M. W. 8:30—B118; Lab. W. F. 3:30—B118. *Dr. Knowles*

434b. FOOD MICROBIOLOGY

The microbiological examination of food and of the fermentations involved in small scale and industrial processes. Principles of preservation, food poisoning, and intestinal microbiology.

M. W. 9:30; Lab. M. W. 10:30, 11:30—B118. *Dr. Knowles*

435a. DAIRY BACTERIOLOGY

A study of the organisms encountered during the production of milk and milk products. Principles of pasteurization and disinfection, etc.

M. 9:30, F. 8:30; Lab. M. 10:30, 11:30; Lab. F. 9:30, 10:30—B118.

436. PROJECTS

A project involving laboratory work will be assigned each 4th year option student. *Staff*

437. SEMINAR *Staff*

438a. PHYSIOLOGY OF MICROORGANISMS

Principles of microbial physiology including growth, nutrition, intermediary metabolism, and industrial fermentations. The laboratory includes experiments on microbial assays, carbon balances, preparation and assay of enzyme extracts; the use of the Warburg apparatus and Thunberg tubes, etc.

Tu. Th. 9:30—B118; Lab. M. 1:30—B118; Lab. W. 9:30, 10:30—B118.

Professor Blackwood

Text Book: Oginsky and Umbreit, An Introduction to Bacterial Physiology.

BOTANY

110. INTRODUCTORY BOTANY

A study of the flowering plant as a living organism with fundamentals of structure, physiology, and reproduction, and an introduction to the general morphology of plants involving consideration of representative types of the several groups of the plant kingdom.

M. F. 8:30—B216; Lab. M. 1:30, 3:30—B110 and B112.

Professor Callen (*Plant Pathology*)

330b. PLANT PHYSIOLOGY

A study of the water relations, mineral nutrition, photosynthesis, respiration, growth, and development of plants.

Tu. Th. 11:30—B196; Lab. M. W. 3:30—B196.

Professor Pelletier (*Plant Pathology*)

331b. HISTOLOGY AND CYTOLOGY

A detailed study of cells, cell division, tissues and their development, and the general anatomy of vascular plants.

Tu. Th. 9:30—B110; Lab. Tu. 1:30—B110.

Professor Estey (*Plant Pathology*)

334a. HISTOLOGICAL METHODS

A course in methods for the preparation of plant materials for microscopic examination, and in the use of equipment for microscopy and photomicrography.

M. 10:30—B14; Lab. W. 1:30, 3:30—B14.

Professor Estey (*Plant Pathology*)

432a. PLANT MORPHOLOGY

W. 9:30—B112; Lab. S. 8:30, 9:30, 10:30, 11:30—B14.

Professor Callen (*Plant Pathology*)

433. SYSTEMATIC BOTANY

Labs. Tu. 1:30, 3:30—B112—1st term; Tu. 1:30—B112—2nd term.

Professor Callen (*Plant Pathology*)

DEPARTMENT OF AGRICULTURAL CHEMISTRY

Professors	R. H. COMMON
	W. A. DELONG
	H. G. DION
Associate Professor	B. E. BAKER
Assistant Professor	P. A. ANASTASSIADIS
Lecturer	G. O. HENNEBERRY

110. INORGANIC CHEMISTRY

Tu. Th. S. 8:30—C218; Lab. Tu. 1:30, 3:30—C116. *Mr. Henneberry*

Text Book:—Cragg and Graham, An Introduction to the Principles of Chemistry (Clarke, Irwin).

220. ORGANIC CHEMISTRY

Fundamental concepts of organic chemistry; properties and structure of related aliphatic, aromatic and the simpler heterocyclic compounds. Laboratory work includes preparation and examination of typical organic compounds.

M. W. F. 10:30—C218; Lab. Th. 1:30, 3:30—C116. *Professor Baker*

Text Book:—Wertheim, Textbook of Organic Chemistry (Blakiston).

331a. ORGANIC CHEMISTRY

A laboratory course designed to provide experience in laboratory methods and techniques.

Th. 10:30—C228; Lab. Th. 1:30, 3:30—C126. *Professor Baker*

332a. GENERAL BIOCHEMISTRY

Carbohydrates; lipids; amino-acids and proteins; properties, nature, and classification of enzymes.

M. F. 8:30—C218; Lab. F. 1:30, 3:30—C116. *Professor Common*

Text Book:—Downes, The Chemistry of Living Cells (Harper & Bros.).

333a. QUANTITATIVE ANALYTICAL CHEMISTRY

Application of the laws of chemical equilibration to ionization, pH., precipitations and oxidation-reduction reactions; problems in quantitative inorganic analysis. Laboratory work includes instruction in the use and care of the analytical balance; techniques of gravimetric, volumetric and colorimetric inorganic analysis; preparation of standard solutions; acidimetry and alkimetry; determinations of selected cations and anions by standard procedures.

Tu. Th. 11:30—C228; Labs. M. 1:30, 3:30; Tu. 1:30, 3:30—C126.
Professor DeLong

Text Book:—Kolthoff and Sandell, Textbook of Quantitative Inorganic Analysis.

334b. QUALITATIVE ANALYTICAL CHEMISTRY

Valence, theories of acids and bases, ionization, theory of co-ordination compounds and complex ions, oxidation-reduction reactions, the law of mass action in relation to solubility and precipitation. Laboratory work is devoted to the systematic identification of the more common cations and anions by semi-micro techniques.

W. F. 9:30—C228; Labs. M. 8:30, 9:30, 10:30, 11:30; Tu. 1:30, 3:30—C126. *Mr. Henneberry*

Text Book:—Gilreath, Qualitative Analysis (McGraw-Hill).

335a. QUANTITATIVE ANALYTICAL CHEMISTRY

As in Course 333a. with abridged laboratory.

Tu. Th. 11:30—C228; Lab. M. 1:30; Tu. 1:30, 3:30—C126. *Professor DeLong*

336b. QUALITATIVE ANALYTICAL CHEMISTRY

W. F. 9:30—C228; Lab. M. 8:30, 9:30; Tu. 1:30, 3:30—C126. *Mr. Henneberry*

347b. PHYSIOLOGICAL CHEMISTRY

Prerequisites:—Chemistry 332a and Physics 333a. Alimentary digestion and absorption of nutrients; composition and properties of blood; gaseous exchange and acid base equilibrium; intermediate metabolism of nutrients and tissue respiration; urinary and fecal excretion; hormones.

Laboratory work parallels the lecture course and includes blood and urine analysis.

Tu. Th. 11:30—C218; Lab. F. 1:30, 3:30—C116. *Professor Common*

Text Book:—Downes, The Chemistry of Living Cells (Harper & Bros.).

354. INTRODUCTORY SOIL SCIENCE

Geology as related to soil formation; the characteristics, physical properties, and genesis of the major soil groups.

Tu. Th. 9:30—C208; Lab. Th. 1:30, 3:30—C226. *Professor DeLong*

Text Book:—Lyon, Buckman, and Brady, The Nature and Properties of Soils, 5th ed. (Macmillan).

439. PHYSICAL CHEMISTRY

An introduction to kinetic theory; the properties of solids and liquids; the phase rule; colligative properties of dilute solutions; thermochemistry and chemical kinetics.

Tu. 10:30—C228; Lab. Tu. 1:30, 3:30—C34. *Professor Baker*

Text Book:—Glasstone, Elements of Physical Chemistry (Van Nostrand).

440. ASSIGNED PROJECTS *Staff*

441. SEMINAR *Staff*

448b. PLANT BIOCHEMISTRY

Prerequisites:—Chemistry 332a and Physics 333a. Chemistry of plant nutrition with particular reference to the inorganic elements and interrelations in the metabolism of inorganic and organic substances.

W. F. 8:30—C228; Lab. F. 1:30, 3:30—C226. *Professor DeLong*

450a. TEXTILE CHEMISTRY

See page 4603.

451a. CHEMISTRY OF FOODS AND FEEDING STUFFS

Principles of analysis, including a more detailed treatment of sugars, starches, oils, and fats; analytical chemistry of milk and milk products.

Tu. Th. 8:30—C228; Lab. Th. 1:30, 3:30—C124.
Professors Common and Anastassiadis

452b. ADVANCED FOOD ANALYSIS

A specialized course including the determination of minor elements, amino acids, and vitamins; control analysis in food processing.

Tu. Th. 8:30—C228; Lab. Th. 1:30, 3:30—C124.
Professors Common and Anastassiadis

DAIRYING

430a. THE DAIRY INDUSTRY

Its importance in Canadian agriculture, the relative importance of the various products, and an analysis of the trade. The farm dairy and its equipment. The composition, quality, value, care, and sale of milk and cream. Quality and defects in butter, cheese, and other dairy products. Instruction in testing, separating, buttermaking, and cheesemaking.

M. W. 9:30—A202; Lab. Tu. 1:30, 3:30—A106. *Professor Anastassiadis*

DEPARTMENT OF AGRICULTURAL ECONOMICS

Professor	D. L. MacFarlane
Associate Professor	W. E. Haviland

220b. PRINCIPLES OF ECONOMICS

The anatomy of the Canadian economy, especially the agricultural, household, and governmental segments. The business firm and the

industry; price and output. Money; the Canadian banking system; national income and employment. The distribution of wealth and income. International trade.

Tu. Th. S. 9:30—A202. *Professor MacFarlane*

330b. ECONOMICS OF MARKETING

Nature and importance of marketing. Markets and market prices. Selling and buying. Marketing margins and efficiency. Co-operation and co-operatives. Federal and provincial marketing jurisdiction and policies. The marketing of Canada's principal farm products. Marketing study tours.

M. W. F. 9:30—A248. *Professor Haviland*

331b. ECONOMICS OF AGRICULTURE

The Canadian farm industry; the regionalism of production; the distribution of the labor force and of financial returns in Canadian agriculture; farm efficiency. The relation between agriculture and other Canadian industries. The economic background of farm policy. The international trade position of Canadian agriculture.

M. W. F. 11:30—A204. *Professor MacFarlane*

332a. FARM ACCOUNTING AND FARM MANAGEMENT

A system of single entry farm accounts involving inventories, cash receipts, and expenses; a system of production records; the analysis of farm account and production records as a means of improving efficiency of production; farm income tax. The economics of farm production and farm management decisions. A farm visit followed by a detailed analysis of the business of this farm and of three other farms involving the preparation of farm plans and budgets covering present and proposed farm management schemes.

M. W. F. 11:30—A248. *Professor MacFarlane*

333. ECONOMIC ANALYSIS

An intermediate course in economic theory analyzing the forces which determine the levels of prices, production, consumption, income, and employment.

M. W. F. 8:30—A204. *Professor Haviland*

434c. PROJECT *Staff*

321. MONEY AND BANKING

Theory and practice of money and credit; organization and operations of financial institutions; monetary policy; concept and function of money; early history of credit institutions; the crisis of 1825, the Peel Bank Act,

and the development of the British financial system; the National Banking System in U.S. and the evolution of the Federal Reserve System; early development of Canadian banking; effects of World Wars I and II and of the Great Depression on U.S., U.K., and Canadian banking; monetary policy and economic fluctuations. (*Faculty of Arts and Science*)

361. ECONOMIC STATISTICS

Description of frequency distributions including averages, dispersion, and skewness. Charting and analysis of time series: trend lines, seasonal indexes, and measurement of cyclical fluctuations. Index numbers. Simple linear correlation. An introduction to Statistical Inference covering the following topics; elementary distributions, sampling, tests of statistical hypotheses, and estimation of population parameters.

(*Faculty of Arts and Science*)

412a. ECONOMIC ANALYSIS

Analysis of the problems of the economy with special reference to Canada: the national accounts; the eclectic theory of the business cycle; a study of Canadian monetary and fiscal policy; Canadian trade agreements.

(*Faculty of Arts and Science*)

412b. ECONOMIC ANALYSIS.

Analysis of the economic problems of the firm; the basis of the demand curve; consumption by the household; entrepreneurial determination of market demand; types of markets and the price-output behaviour of firms in the different types of markets—agricultural markets, monopolistic markets, etc.; control of monopoly in Canada; special problems of the firm—advertising, forecasting demands, unionization and the supply of labour, location of industry, etc. (*Faculty of Arts and Science*)

DEPARTMENT OF ENGLISH

Associate Professor, Chairman of the Department	H. R. C. AVISON
Professor of Education	C. WAYNE HALL
Assistant Professor	D. W. COLE
Lecturer	MARGARET H. DUBREUIL

114. ENGLISH COMPOSITION

Instruction and practice in the elements of good speech and good writing: 1 lecture period per week, conference hours and written themes to the equivalent of 1 lab. period per week 2 terms. A student failing in the year's work will be required to repeat this course until the necessary standard has been attained.

F. 9:30, first meeting—M258; Lab. not scheduled.

Professors Avison, Cole, and Mrs. Dubreuil

116. ENGLISH LITERATURE

A study of the forms of literature—mainly poetry, fiction, drama, from Anglo-Saxon times to about 1880—with special attention to those factors which condition literary taste and judgment. A schedule of topics and readings will be available before the course begins.

M. W. 9:30—Assembly Hall. *Professor Cole*

225. MODERN LITERATURE

An extension of Course 116, with topics and readings drawn from the work of British, Canadian, and American writers in the period from 1880 to the present. This course may be elected by Third or Fourth year students.

W. F. 11:30—M258. *Professor Hall*

226. SPEAKING AND WRITING

An extension of Course 114 for students who require or desire further practice in oral and written expression. Laboratory periods may be substituted for lectures. This course may be elected by Third or Fourth year students: it is required for Extension Methods 330, but should be taken, if possible, in the Second year.

M. W. 11:30—C110 & M50—1st term; M. W. 11:30—M50 & M110—2nd term. *Professors Avison, Cole, and Mrs. Dubreuil*

All Second year degree course students must take either English 225 or English 226. The prerequisite to these courses is successful completion of Senior Matriculation English Literature and Composition, or English 114 and 116 at Macdonald College.

331. THE LITERATURE OF RURAL LIFE

A study of Canadian and American regional literature. The schedule of topics and readings, covering the period from pioneer settlements to the present day, will emphasize the large place in our literature held by prose and poetry which is inspired by the land and the people who live on the land. Not given for fewer than 5 students.

Not scheduled. *Professor Avison*

332. MODERN DRAMA

A reading course in modern English and American drama with special attention to trends and developments since 1900. Not given for fewer than 5 students.

Not scheduled. *Professor Hall*

EXTENSION METHODS

330. EXTENSION METHODS

Study group technique; extension methods in agriculture and household science; rural sociology.

Laboratory work comprises participation in debates, conduct of public meetings and similar activities, and the operation of the Rural Problems Club, which meets weekly from November 1st to March 31st. Membership in the Club is open to all students in Agriculture, Household Science, and the School for Teachers. Students who elect this course will also be required to take English 226, unless this course was taken in the Second year.

Not scheduled. *Professor Avison and Committee*

DEPARTMENT OF ENTOMOLOGY

Professors	D. KEITH MCE. KEVAN E. MELVILLE DUPORTE (*Post-retirement*)
Associate Professor	F. O. MORRISON
Assistant Professors	R. S. BIGELOW J. E. MCFARLANE

330. INSECT MORPHOLOGY

Tu. Th. 9:30—B204; Lab. W. 1:30, 3:30—B210. *Professor DuPorte*

333. INSECT PHYSIOLOGY

Comparative physiology with special reference to insects and other terrestrial arthropods. The elements of animal behaviour and reaction to external stimuli.

M. 10:30—B96; Lab. Tu. 1:30, 3:30—B96—1st term; M. 9:30—B96; Lab. M. 1:30, 3:30—B96—2nd term. *Professor McFarlane*

335b. SYSTEMATIC ENTOMOLOGY

The classification of the principal groups of insects. Each student will bring to the class at least 50 representatives of the main orders of insects which he has collected, mounted and labelled according to instructions given.

Lab. Tu. Th. 1:30, 3:30—B210. *Professors Kevan and Bigelow*

433. ECONOMIC ENTOMOLOGY

The principles and practice of Applied Entomology from a professional standpoint, including a survey of the Class *Hexapoda* with special reference to biological and economic aspects. A representative collection of economic insects including at least 50 adults, 20 larvae, and five complete life history sets will be required of all students taking this course.

M. W. 8:30—B204; Lab. W. 1:30, 3:30—B204—1st term; Tu. 11:30, Th. 8:30—B204; Lab. W. 1:30, 3:30—B204—2nd term.

Professor Morrison

434b. GENERAL AND ECONOMIC ENTOMOLOGY

A more elementary course similar to the foregoing, but suited to the general student. A collection of 25 adult insects, 10 larvae, and one complete life history set, representative of common economic insects, will be required of each student taking the course.

M. W. 9:30—B204; Lab. Th. 1:30, 3:30—B204. *Professor Morrison*

435b. PRINCIPLES OF TAXONOMY

Bibliography, zoological nomenclature, trends in taxonomic theory and practice, etc.

M. Tu. W. Th. 9:30—B210. *Professors Kevan and Bigelow*

436. TERRESTRIAL ECOLOGY

The influence of the environment on development, activities, distribution, and abundance with particular reference to insects. Methods and principles of ecology, zoogeography. An introduction to the soil fauna. (*Given 1959-60*)

Lab. Th. 1:30, 3:30—B32—1st term; Lab. F. 9:30, 10:30—B204; F. 1:30 3:30—B32—2nd term. *Professor Kevan and Staff*

437. SEMINAR

Presentation and discussion of reports on: (1) Assigned topics; (2) Recent work in Entomology and Zoology; (3) Original investigation. Required in both Third and Fourth years. *Staff*

438. PROJECTS

One or more problems entailing private investigation will be allotted to each student at the end of his Third year. The work done should be equivalent to two labs. per week, both terms.

Staff

FRENCH

100. French is used exclusively by lecturer and students in this course.

(a) *Travail oral:* The aim of this section of the course is to increase fluency, accuracy, and precision in speaking French. Assignments vary according to the interests and capabilities of the students.

(b) *Explication de textes:* A study, gauged to the achievement level of the students, of a novel of French Canada. The primary object is to master the story and to appreciate the atmosphere of French Canada as portrayed in the novel. Subsequently a detailed analysis is undertaken.

(c) *Cours de civilisation:* A survey course of French history; biographical and literary aspects are stressed.

Texts to be announced. *Professor Hawkins (Institute of Education)*

300. Aim: practice in French for students who expect to work in Quebec Province; preparatory work for postgraduate students who intend to meet second language requirements in French. Emphasis will depend on needs of students enrolled. *Prerequisite:* Quebec High School Leaving French or equivalent. *Content:* writing, reading and oral practice.

Professor Hawkins (Institute of Education)

DEPARTMENT OF GENETICS

Professor	J. W. Boyes
Associate Professor	R. I. Brawn
Assistant Professors	W. F. Grant
	G. I. Paul

330a. ELEMENTARY GENETICS

The modern concept of inheritance, applicable to both plants and animals, including reference to human inheritance.

M. W. F. 10:30—A202; Lab. M. 1:30, 3:30—A230. *Professor Brawn*

Note: Genetics 62a, Cytology, Genetics 62b, Cytogenetics, and Genetics 64b, Statistical Methods in Genetics, listed in the announcement of the Faculty of Graduate Studies and Research, are offered at Macdonald College and may be elected by senior undergraduate students by permission of the instructor concerned.

HISTORY

100. European civilization in medieval and modern periods.

Professor Zagorin (Faculty of Arts and Science)

DEPARTMENT OF HORTICULTURE

Associate Professors H. R. Murray, C. D. Taper

Assistant Professor Jean David

Lecturer P. M. Harney

338a. POMOLOGY (ORCHARD FRUITS)

The fundamentals of orchard fruit propagation, production, and marketing, with visits to orchards, markets, and cold storage establishments when possible. (*Given in 1959-60.*)

M. Th. 11:30—A160; Lab. Tu. 10:30, 11:30; W. 3:30—A160.

Professor Taper

339b. POMOLOGY (SMALL FRUITS)

The fundamentals of small fruit propagation, production, and marketing, with visits to producing areas and marketing establishments when possible. (*Given in 1959-60.*)

Tu. Th. 8:30—A160; Lab. M. 10:30, 11:30; F. 1:30—A160.

Professor Taper

343a. HORTICULTURAL CROPS

Tree and bush fruits; fruit and vegetable processing.

W. F. 10:30—A160; Lab. F. 1:30—A160. *Professor Murray and Staff*

344b. HORTICULTURAL CROPS

Potatoes as a cash crop; canning and other special crops. The farm garden; landscaping the farm home.

W. F. 10:30—A160; Lab. Tu. 3:30—A160. *Professor Murray and Staff*

431. VEGETABLE CROPS

The principles of vegetable growing including economic importance, geography, types and varieties, cultural requirements, harvesting, grading, marketing, and storage, as applied to the important crop plants.

(*Given in 1958-59.*)

M. Th. 11:30—A160; Lab. Tu. 10:30, 11:30; W. 3:30—A160—1st term
Tu. Th. 8:30—A160; Lab. M. 10:30, 11:30; F. 1:30—A160—2nd term.

Professor Murray

432a. LANDSCAPE ARCHITECTURE

Description, characteristics, and identification of ornamental plants, nursery practices and care of plant material. A brief history of gardens and architecture. Landscape design, plans, sketches, drafting, and construction specifications, as applied to rural and urban homes, estates, parks and playgrounds, etc.

Prerequisite:—First term work of Agricultural Engineering 439.

Tu. Th. 9:30—A160; Lab. Th. 1:30, 3:30—Horticulture Barn.

Miss Harney

435b. FLORICULTURE

An introductory course in the propagation, production and forcing of commercial florist crops. The construction and management of propagating structures, such as greenhouses, coldframes and hotbeds are discussed, as well as the physiological factors governing the growth of plants under greenhouse conditions. Trips to greenhouse establishments are made where possible.

Tu. Th. S. 9:30—A248; Lab. M. 1:30, 3:30—A160. *Miss Harney*

436b. PLANT BREEDING

A study of the principles of genetics as applied to the breeding and improvement of horticultural crop plants. The development of breeding methods for different types of plants will be given special consideration. Lectures will be supplemented by practice periods in the greenhouse.

Prerequisite:—Genetics 330a.

W. F. 8:30—A160; Lab. Th. 10:30, 11:30—A160.

Professors Murray and Taper

437. SEMINAR

Presentation and discussion of reports on assigned topics, recent work and developments in horticulture and reports on the original investigations of the students and staff.

1 period per wk., 2 terms. *Professor Murray and Staff*

442a. FRUIT AND VEGETABLE PRESERVATION

The principles of fruit and vegetable preservation with particular attention to cold storage, canning, dehydration, and freezing.

Not scheduled. *Professor David*

MATHEMATICS

111. PLANE TRIGONOMETRY

Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles,

addition formulae, transformations of sums and products, logarithmic solutions of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

Tu. S. 9:30—B216—1st term. Th. 9:30—B216—2nd term.

Professor Henry (Institute of Education

112. ALGEBRA

Variation, progressions, with applications to compound interest, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

Th. 9:30—B216—1st term; Tu. S. 9:30—B216—2nd term.

Professor Henry (Institute of Education)

220. CALCULUS

Analytical geometry, differential and integral calculus.

Tu. Th. S.—C208. *Professor Rowles (Physics)*

330. ELEMENTARY DIFFERENTIAL EQUATIONS

An introduction to differential equations with selected applications in physical, chemical, and biological science.

Tu. 8:30—C110. *Professor Oliver (Physics)*

331. ELEMENTARY STATISTICS

An introduction to statistics including graphs, histograms, means, standard deviation, variance, normal frequency curve, probability, fitting curves to experimental data, correlation, standard error, tests of significance, etc.

W. 9:30; Lab. S. 9:30, 10:30—C208—1st term. Lab. S. 9:30, 10:30—C208—2nd term. *Mr. Fraser*

DEPARTMENT OF NUTRITION

Professor	E. W. CRAMPTON
Associate Professor	L. E. LLOYD
Assistant Professor	F. A. FARMER

430. FUNDAMENTALS OF NUTRITION

Lectures and library assignments deal with the nutrients and their metabolism. In the second term, as an alternate to the laboratory work, students, with permission, may elect to participate in one or more biological projects in which rats, puppies, guinea pigs and/or the students themselves are the experimental subjects. These projects, when offered, will be scheduled by arrangement.

M. W. 8:30—A202; Lab. F. 8:30, 9:30—A202.

Professors Crampton, Lloyd and Farmer

432b. APPLIED ANIMAL NUTRITION

A critical study of livestock feeding standards; a classification of feedstuffs based on their functions in rations and a consideration of their characteristics which determine their use and limit the extent of their substitution; translation of feeding standards to balanced meal mixtures; feeding guides, feed legislation.

M. W. 9:30—A120. *Professor Crampton*

433c. PROJECT *Staff*

DEPARTMENT OF AGRICULTURAL PHYSICS

Professor	WILLIAM ROWLES
Associate Professor	W. F. OLIVER
Assistant Professor	B. P. WARKENTIN
Lecturer	D. M. FRASER

112. GENERAL PHYSICS

An introductory course covering mechanics, heat, light, sound, electricity and magnetism at the first year college level. Fundamental principles are taught through demonstrations, laboratory work, and numerical examples.

Tu. Th. S. 10:30—C218; Lab. W. 1:30 or 3:30—C214—1st term; Tu. Th. S. 10:30—C218; Lab. W. 1:30 or 3:30—C108—2nd term.

Professor Rowles

222. GENERAL PHYSICS

A continuation course which covers the same ground as Physics 112 but with more intensive treatment. Certain topics will receive special emphasis and additional phases of the subject will be considered.

M.W.F. 9:30—C110; Lab. M. 1:30 or 3:30—C110 & C112.

Professor Oliver

333a. BIOPHYSICS

(Prerequisite to Chemistry 347b and 448b.) A study of the gas laws, osmosis, surface phenomena, electrolytic dissociation, pH, colloidal state, use of electron microscope, X-rays and radio-active rays in biology, etc.

M. F. 9:30—C218; Lab. M. or W. 1:30, 3:30—C108.

Professor Rowles and Mr. Fraser

340a. BIOPHYSICS

An abridged course covering selected parts of Physics 333a.

M. F. 9:30—C218; Lab. W. 1:30—C108.

Professor Rowles and Mr. Fraser

432b. METEOROLOGY

A study of the factors which condition climate and weather, etc.

M. 8:30—C214. *Professor Warkentin*

436a. SOIL PHYSICS

Soil texture as determined by mechanical analysis, soil moisture and its movement, soil constants and their measurement, physical properties of colloids and their effects on soil behaviour, soil structure.

F. 8:30—C214; Lab. to be arranged. *Professor Warkentin*

438. MOLECULAR AND ATOMIC PHYSICS

A discussion of kinetic theory including Maxwell's distribution law, the laws of thermodynamics, atomic structure, charge on the electron, isotopes, circular orbit theory for hydrogen, vacuum tubes, X-rays and crystal structure, radioactivity, etc. A portion of the time is devoted to laboratory work.

Tu. Th. 9:30—C110. *Professor Oliver*

DEPARTMENT OF PLANT PATHOLOGY

Professors	JOHN G. COULSON (*post-retirement*)
	D. KEITH MCE. KEVAN
Assistant Professors	E. O. CALLEN
	R. H. ESTEY
	R. L. PELLETIER
Research Associate	N. COLOTELO

330b. TECHNIQUE

The preparation of media; sterilization, isolation, cultural and inoculation methods. Elementary glass blowing, colorimetry, chromatography, etc. Methods of reviewing literature and preparing illustrations.

Graduate students must take this work without credit.

F. 9:30—B112; Lab. F. 1:30, 3:30—B114. *Professor Pelletier*

331a. DISEASES OF PLANTS

A study of common diseases, with emphasis on disease expression, causation, ecology, and principles underlying disease control.

Th. S. 8:30—B110; Lab. Tu. 1:30, 3:30—B110. *Professor Coulson*

332b. PLANT PATHOLOGY

Detailed studies of plant diseases; distribution, economic importance, symptoms, cause, and control.

Myxomycetous, phycomycetous, ascomycetous, nematode, and non-parasitic diseases, and dodder.

W. F. 10:30—B110; Lab. Th. 1:30, 3:30—B110. *Professor Coulson*

333a. MYCOLOGY

An introductory course in the study of the fungi, emphasizing species which are common or economically important in Canada.

Tu. Th. 9:30—B110; Lab. Th. 1:30, 3:30—B110. *Professor Estey*

434. PROJECTS

One or more problems entailing private investigation will be allotted each student.

Minimum of 2 labs. per wk., 2 terms. *Staff*

435. SEMINAR

A course entailing reading, discussion, appreciation, and criticism of research articles, monographs, etc., in the field of General Botany, Physiology, Cytology, Histology, Morphology, Ecology, Taxonomy, Genetics, Mycology, Pathology. Attention will be more especially directed to such articles as have application in Plant Pathology or Mycology.

1 period per wk., 2 terms. *Staff*

436. PLANT PATHOLOGY

Detailed studies of plant diseases; distribution, economic importance, symptoms, cause, and control.

Basidiomycetous, fungi imperfecti, bacterial, and virus diseases.

M. 9:30, Th. 10:30—B110; Lab. F. 1:30, 3:30—B110—1st term; Tu. Th. 10:30—B110; Lab. S. 8:30, 9:30, 10:30, 11:30—B110—2nd term.

Professor Coulson

DEPARTMENT OF POULTRY HUSBANDRY

Professor W. A. MAW

Associate Professor N. NIKOLAICZUK

333a. GENERAL POULTRY HUSBANDRY

The general principles and practice of poultry production and marketing.

Tu. Th. 11:30; S. 8:30—P202; Lab. Tu. 3:30—P202.

Professor Nikolaiczuk

339b. POULTRY PRODUCTS TECHNOLOGY

Lectures, demonstrations, and reading assignments designed to familiarize the student with composition, market quality, processing, and technology of poultry products.

F. 10:30—P202; Lab. Tu. 1:30—P202. *Professors Maw and Nikolaiczuk*

431a. HISTORY OF BREEDS AND JUDGING

The origin, domestication, and development of the various breeds of chickens, turkeys, ducks, and geese. Advanced practice in judging on the basis of type and colour standards.

(*Given in 1959-60*) *Professor Maw*

434b. BREEDING PRINCIPLES

The fundamental principles underlying poultry breeding.

Prerequisites:—Genetics 330a; Poultry Husbandry 431a and 333a.

(*Given in 1959-60*)

Tu. Th. 8:30—P202; Lab. Th. 1:30—P202. *Professor Maw*

435. POULTRY FARM MANAGEMENT

Poultry farming as a business; size of business, economic aspects of capital and labour involved; farm layout and buildings; arrangement; equipment, inventories, cost accounts, and other records.

Prerequisite:—Poultry Husbandry 333a.

M. 8:30—P202; Lab. M. 3:30—P202. *Professor Maw*

436. RESEARCH

A study of method in conducting experiments and analysis of data.

Prerequisite:—Poultry Husbandry 333a.

Lab. M. 1:30; Th. 3:30—P202. *Professor Nikolaiczuk*

437. ASSIGNED PROJECTS

Professors Maw and Nikolaiczuk

438b. POULTRY NUTRITION

A study of the composition of feeds, balanced rations, and feeding practice as applied to the production of poultry.

Prerequisite:—Poultry Husbandry 333a or equivalent.

(*Given in 1958-59*)

Tu. Th. 8:30—P202; Lab. Th. 1:30—P202. *Professor Nikolaiczuk*

SOCIOLOGY

340c. INTRODUCTION TO SOCIOLOGY (The Community)

An examination of the social patterns of our society, with emphasis on group relationships.

Mrs. MacFarlane

DEPARTMENT OF WOODLOT MANAGEMENT

Lecturer A. R. C. JONES

330b. WOODLOT MANAGEMENT

Principal trees of Eastern Canada; classification of forest regions, types and stands; use of chain, compass and sample plots in forest inventories; volume measurements of trees, logs and woodlot products; silvicultural cutting methods to improve and perpetuate the woodlot; study of growth; calculation of allowable cut for sustained yield; plantation techniques and improvements; woodlot protection; demonstration of mechanical cutting tools; management plans and records; marketing possibilities.

M. 8:30—B296; Lab. Tu. 1:30—B296. *Mr. Jones*

ZOOLOGY

220. GENERAL ZOOLOGY

An introduction to animal structure, physiology, and classification. Representatives of the chief phyla are studied and used to introduce some of the general principles of Zoology.

Tu. S. 10:30—B216; Lab. W. 1:30, 3:30—B212. *Professor Morrison*

332b. HISTOLOGICAL TECHNIQUE

The preparation of histological slides and the technique of making scientific drawings. Graduate students may take this work without credit.

Students taking the Entomology course will be required to take that part of course Plant Pathology 330b which deals with photography and the use of the microscope.

Lab. S. 8:30, 9:30, 10:30, 11:30—B32 & B212.

Professor McFarlane (Entomology)

431. COMPARATIVE VERTEBRATE ANATOMY

(*Given in 1959-60*)

Lab. Tu. Th. 10:30, 11:30—B204—1st term; M. Tu. 8:30—B204; Lab M. W. 10:30, 11:30—B204—2nd term. *Professor Bigelow*

432. ECONOMIC INVERTEBRATE ZOOLOGY

An introduction to the study of invertebrates of economic importance with special reference to medical and veterinary aspects and the occurrence of animal and plant diseases due to animal pathogens and vectors. (*Given in 1958-59*)

Lab. Tu. Th. 10:30, 11:30—B204—1st term; M. Tu. 8:30—B204; Lab. M. W. 10:30, 11:30—B204—2nd term.

Professors Kevan (Entomology), Cameron (Parasitology) and Laird (Parasitology)

EXAMINATIONS

B.Sc. (AGR.) AND B.Sc. (H.Ec.) COURSES

All students are required to give satisfactory evidence of mastery of the material of lecture and laboratory. Examinations are held at the end of the first term in First and Second years, and at the end of each course in all years. In final examinations the mark assigned represents the standing of the student in all the work of the course. Marks for seminars, projects, purely laboratory and similar courses may be assigned wholly or in part on the year's work.

First year students who obtain an average of less than 40 per cent in the first term examinations are not permitted to continue with the work of the second term.

In all years, standing of all students as shown by the results of first term examinations is critically reviewed by Faculty, which may require the withdrawal of any student whose average mark is less than 50%.

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. See page 4524.

Students who are allowed to repeat a year do so on probation. Students whose work or conduct proves unsatisfactory may also be placed on probation involving loss of certain privileges. The type of probation will vary with individual cases.

ADVANCEMENT FROM YEAR TO YEAR

In the First and Second years any student who fails to obtain an average of at least 50% based on all courses of the year, or who fails in courses of the year's work to an aggregate value of more than 18 units, will be required to repeat the year. A student in these years who fails courses of the year's work to an aggregate value of 18 or less units, and whose average is at least 50%, must, in order to advance to the following year, write supplemental examinations in all failed courses during the September supplemental examination period prior to his re-registration in the Faculty. A student who fails in English 114 (Composition) is required to repeat the course.

No student may enter the Second year carrying a condition in more than one First year course, and no student may enter the Third year until he has passed in all courses of the First and Second years.

Any Third year student who fails to obtain an average of at least 50%, based on all the courses of that year, will be required to repeat the year. No student will be admitted to the Fourth year who has not passed Third year work to the value of at least 30 units. Students who fail Third year courses must write supplemental examinations in all failed courses at the September supplemental period prior to registration in the Fourth year.

A student who is allowed to repeat a year may be exempted from attending lectures and laboratory classes and passing examinations in subjects in which he has already passed and obtained at least 60%, and may be required to take one or more subjects of the following year in his course. The choice of subjects must involve no conflict of hours in the timetable.

The pass mark in all courses which are repeated is 60%, and no supplemental examination is allowed.

If a student fails in a course which he has taken with a more advanced class he must repeat the course when he enters the year in which the subject is regularly taught.

PASS AND HONOUR STANDING

HONOUR STANDING:—Students who have obtained an average of at least 60 per cent in the work of the first two years, and who obtain an average of 80 per cent or over, based on all the courses of their Third and Fourth years, are granted First Class Honours on graduation; those who obtain an average of from 65 to 79 per cent, based on all the courses of their Third and Fourth years, are granted Second Class Honours. Students who have obtained an average of less than 60 per cent in the work of the first two years are not eligible for Honours.

PASS STANDING:—Students who obtain an average of not less than 50 per cent, based on all the courses of their Third and Fourth years, are granted Pass Standing.

SUPPLEMENTAL EXAMINATIONS

Regular supplemental examinations are held in September before the beginning of the session; however, a student who is prevented by illness from writing at the regular supplemental period may apply for special examinations to be held at a later date.

A student who fails to pass a supplemental examination must repeat the course.

Candidates for a supplemental examination must make application for the examination at least three weeks prior to the examination date on forms available in the Registrar's Office. The fee is $2.00 per paper.

The student passing a supplemental examination will be credited on his record with the minimum pass mark, i.e. 50%.

AGRICULTURE SPECIALIST TEACHER'S CERTIFICATE

Holders of the B.Sc.(Agr.), in the General Agriculture, Agronomy, Animal Husbandry, Poultry Husbandry, Horticulture or Agriculture Engineering options may enroll for a year of postgraduate study under the direction of the Institute of Education to qualify for the Agriculture Specialist Teacher's Certificate granted by the University. Such a training will complete the requirements for the High School Diploma of the Province of Quebec and will include special training and teaching practice relative to the Agricultural Sciences.

There are openings for qualified teachers trained in agricultural science in the High Schools of Quebec and other provinces. As well as teaching agriculture, many appointments will require the teaching of other subjects including general specialized science, shop work and farm mechanics. Consequently candidates for the Specialist Teacher's Certificate receive training in general teaching as well as in their special subject areas. In addition to the academic and professional courses offered, an excellent program of supervised practice teaching gives candidates the opportunity of becoming familiar with the work of the schools. Candidates should have an interest in agriculture, an appreciation of rural life, some practical experience in farming, and a genuine interest in working with high school children.

The charge for the tuition is $250.00, and other charges for room and board and for student activities are the same as for students in the Institute of Education. Application for admission should be sent to the Registrar, Macdonald College, Que.

CURRICULUM

ENTRANCE REQUIREMENT:—B.Sc.(Agr.), in the General Agriculture, Agronomy, Animal Husbandry, Poultry Husbandry, Horticulture, or Agriculture Engineering options.

COURSES IN THE INSTITUTE OF EDUCATION

Division One — English 225—Modern Literature (if not completed during the B.Sc.(Agr.) course), terminal courses in English and French.

Division Two — Education 100, Education 200—History of Education in Western Society, Education 401G—Graduate Seminar.

Division Three — Education 110—Method of instruction, Education 210—The Child at School.

Division Four — Education 120—General Teaching Practice.

GRADUATE COURSES

Graduate work, under the Faculty of Graduate Studies and Research, McGill University, Montreal, may be taken at Macdonald College, in Agronomy, Bacteriology, Chemistry, Entomology, Horticulture, Nutrition (Animal, Human), Parasitology, Poultry Husbandry (Nutrition or Breeding and Genetics), and Plant Pathology. The advanced courses of study offered lead to the degrees of Master of Science and Doctor of Philosophy.

Graduates who have completed three full courses or their equivalent in the Department of Economics at Macdonald College and who, in addition, have completed at least two full courses in the Department of Economics and Political Science or their equivalent with at least second class honours, may register in the Faculty of Graduate Studies and Research to proceed toward the degree of Master of Arts.

A number of scholarships and student assistantships are available.

The Faculty of Graduate Studies and Research issues an Announcement giving full information regarding graduate courses, and scholarships, theses, registration, etc., in connection therewith, which will be sent on application to the Dean of the Faculty of Graduate Studies and Research, McGill University, Montreal or to the Dean of the Faculty of Agriculture, Macdonald College, Que.

Diploma Course

This is a two-year course of five months' duration in each year commencing about November 1st, and finishing about March 31st. It affords a special opportunity of spending one or two winter seasons in studying Agriculture, and the time is selected with a view to interfering as little as possible with farm operations. It is intensely practical in character and is designed with the following objects in mind:—To give the largest amount of information and training in practical agriculture in the shortest possible time; to equip the student for solving his future problems; to awaken him to the many opportunities on the farm; to give him an inspiration in his agricultural work; and to enable him to fill a more useful place in rural citizenship.

The work of the first year is taken by all students in common; in the second year a student may choose subjects that have to do either with livestock farming or fruit farming. A diploma is granted to each student who completes the two years' work successfully.

DIPLOMA COURSE ENTRANCE

1. For General Requirements, see page 4533.

2. All candidates for admission to the Diploma Course must have passed their seventeenth birthday, must be able to read and write the English language acceptably, be proficient in the use of arithmetic, and demonstrate a practical knowledge of farm operations.

SYLLABUS

Diploma Course

	Course Numbers	Unit Value	Periods per week		Term Given
			Lects.	Labs.	
FIRST YEAR					
Agricultural Engineering:—					
Farm Machinery	1a	3	2	1	First
Farm Construction	2b	3	1	2	Second
Agriculture	1	2	1	..	Both
Agronomy:					
Soils and Soil Management	1a	3	3	..	First
Hay and Pasture Crops	3b	3	2	1	Second
Corn and Root Crops	5b	3	3	..	Second
Animal Husbandry	1	8	2	2	Both
Bacteriology	1b	2	1	1	Second
Botany	1a	3	2	1	First
Chemistry	1b	3	2	1	Second
English	2	6	3	..	Both
Entomology	3a	3	2	1	First
Farm Forestry	1a	3	1	2	First
Horticulture	4	4	1	1	Both
Mathematics	1	4	1	1	Both
Poultry Husbandry	1	6	2	1	Both
SECOND YEAR Livestock Farming Group					
Agricultural Engineering:—					
Land Drainage and Farm Sanitation	6a	4	2	2	First
Farm Shopwork	7b	3	1	2	Second
Agronomy:—					
Crop Management	7b	3	2	1	Second
Grain Crops	9a	3	2	1	First
Animal Husbandry:—					
Farm Live Stock	6	8	2	2	Both
Live Stock Breeding	7b	2	2	..	Second
Animal Nursing	6b	3	2	1	Second
Dairying	6b	4	2	2	Second
Economics:—					
Economic Problems	7a	3	3	..	First
Farm Accounts and Management	8a	4	3	1	First
English	7	4	1	1	Both
Nutrition	6a	2	2	..	First
Physics	6a	3	1	2	First
Poultry Husbandry	6b	3	2	1	Second
Project	6	4	..	2	Both
SECOND YEAR Fruit Farming Group					
Agricultural Engineering:—					
Land Drainage and Farm Sanitation	6a	4	2	2	First
Farm Shopwork	7b	3	1	2	Second
Agronomy (Elective)	7b	3	2	1	Second
Economics:—					
Economic Problems	7a	3	3	..	First
Farm Accounts and Management	8a	4	3	1	First
English	7	4	1	1	Both
Horticulture:					
Vegetable Gardening	6	8	2	2	Both
Ornamental Gardening	7a	3	2	1	First
Fruit Growing	8	8	2	2	Both
Physics	6a	3	1	2	First
Plant Pathology	6b	3	2	1	Second
Poultry Husbandry	6b	3	2	1	Second
Project	6	4	..	2	Both

DESCRIPTION OF DIPLOMA COURSES

AGRICULTURAL ENGINEERING

1a. FARM MACHINERY

(a) A study of the gas engine as applied to stationary purposes, the automobile, and the tractor.

(b) Implements and Machinery. The use and adjustments of tillage and harvesting machinery.

Tu. Th. 10:30—E10; Lab. M. 3:30—E10. *Professors Cooper and Malloch*

2b. FARM CONSTRUCTION

(a) Farmstead planning including the arrangement of the various buildings, the planning of houses and barns; fences and fencing.

(b) Carpentry and concrete work.

Tu. 9:30—E106; Lab. Tu. 1:30, 3:30—E102.

Professors Banting and Malloch

6a. LAND DRAINAGE

Farm ponds; the water table and its control; surface drains and underdrainage, irrigation. Farm Sanitation: water supplies and water systems, methods of sewage disposal.

Tu. Th. 9:30—E106; Lab. Tue. 1:30, 3:30—E106. *Professor Banting*

7b. FARM SHOPWORK

Blacksmithing, rope splicing, soldering, gas and electric welding.

Tu. 10:30—E106; Lab. Th. 1:30, 3:30—E2 & E4. *Professor Cooper*

Text Book:—Jones—Farm Shop Practice.

AGRICULTURE

1. A general course on Agriculture designed to give the student a proper conception of farming as an occupation and an appreciation of some important considerations in the selection and operation of farms.

W. 9:30—A146—1st term; S. 8:30—A146—2nd term.

Professor Hamilton

AGRONOMY

1a. SOILS AND SOIL MANAGEMENT

Classes of soil, tillage, rotation, manuring, fertilizers, liming, drainage, etc., will be studied with a view to enabling the student to manage the soil on his own farm to best advantage.

Tu. Th. F. 11:30—A204. *Professor Steppler*

3b. HAY AND PASTURE CROPS

These crops will be studied from the standpoints of their importance, varieties, culture, and management.

W. S. 9:30—A204; Lab. Th. 1:30—A230. *Dr. Bubar*

5b. CORN AND ROOT CROPS

As with Hay and Pasture Crops.

W. 11:30, Th. 10:30, F. 11:30—A248. *Mr. Keeler*

7b. CROP MANAGEMENT

Factors determining the crops to grow, cropping schemes for typical situations in Eastern Canada. Fertilizers and seed will be given further attention in this course.

M. W. 8:30—A248; Lab. M. 1:30—A230. *Professor Raymond*

9a. GRAIN CROPS

As with Hay and Pasture Crops.

Tu. Th. 8:30—A204; Lab. M. 8:30, 9:30, Th. 3:30—A230.

Professor Klinck

ANIMAL HUSBANDRY

1. FARM LIVESTOCK

Commercial types and classes of farm stock, their care and management, feeding, breeding, and judging.

M. F. 9:30—A146; Lab. M. 1:30, F. 3:30—Livestock Barn.

Professors Hamilton and Moxley

6. FARM LIVESTOCK

A continuation of course 1, but dealing particularly with purebred stock.

W. F. 8:30—A146; Lab. M. W. 1:30—Livestock Barn—1st term.
W. F. 10:30—A248; Lab. Tu. W. 1:30—Livestock Barn—2nd term.

Professors Hamilton and Moxley

7b. LIVESTOCK BREEDING

In this course the more important basic principles underlying breeding practice are considered. Selection of breeding animals is studied in the light of what is known in regard to reproduction, transmission of characters, heredity, and environment.

Tu. Th. 9:30—A146. *Professor Moxley*

ANIMAL NURSING

6b. The course covers situations usually encountered by farm managers and herdsmen.

M. W. 1:30—B202; Lab. F. 3:30—B202 & B248. *Professor Dale*

BACTERIOLOGY

1b. AGRICULTURAL BACTERIOLOGY

Bacteria in relation to water, sewage, milk, and soil fertility; fermentations, food preservation and food poisoning.

Tu. 8:30—B118; Lab. Th. 8:30, 9:30—B118.

BOTANY

1a. AGRICULTURAL BOTANY

The course consists of a study of the fundamentals of growth and reproduction processes in plants. The botany of economic plants will be studied as much as possible and consideration given to weeds and weed seeds and their control.

Tu. Th. 9:30—B196; Lab. F. 1:30—B196. *Professor Pelletier*

CHEMISTRY

1b. Elementary Chemistry, with applications to soils, fertilizers, feeding stuffs, and insecticides and fungicides.

Tu. Th. 11:30—C228; Lab. F. 1:30—C126. *Mr. Henneberry*

DAIRYING

6b. A study of the composition of milk, the production of quality milk on the farm, pasteurization, butter and cheese processes. Testing dairy products, separating milk, butter and cheese making.

W. F. 9:30—A146; Lab. S. 8:30, 9:30, 10:30, 11:30—A106.
Dr. Anastassiadis

ECONOMICS

7a. INTRODUCTION TO THE ECONOMICS OF CANADIAN AGRICULTURE

Science and economics. Nature of the Canadian economy. The place of agriculture in the Canadian economy. Land use and tenure in Canada. The production, marketing, and consumption of farm products in Canada—principles, products, and problems. One lecture period each week will be used as a discussion period.

W. F. S. 9:30—A248. *Professor Haviland*

8a. FARM ACCOUNTS AND FARM MANAGEMENT

A system of single entry farm accounts involving inventories, cash receipts and expenses; a system of production records; the analysis of farm account and production records as a means of improving efficiency of production; farm income tax. A study of the economic guides to farm

management decisions. A farm visit followed by (1) detailed study of the farm visited, and (2) the development of alternative farm management plans using the budget method.

M. 10:30, Tu. 11:30, Th. 11:30; Lab. S. 10:30, 11:30—A146.

Professor MacFarlane

ENGLISH

The students will be divided into a Senior and a Junior Group according to their attainments in English Speech and Literature:—

2. Literature, written composition, and public speaking are included in the course.

M. W. F. 10:30—C208. *Professor Cole*

7. Lectures and laboratory work include a supervised reading course; instruction in practical forms of writing, the conduct of public meetings, and debating and discussion methods.

F. 11:30; Lab. M. 3:30—M50. *Professor Avison*

ENTOMOLOGY

3a. An elementary treatment of the structure, habits, classification, and control of insects.

M. W. 11:30—B212; Lab. Th. 1:30—B204. *Professor Morrison*

FARM FORESTRY

1a. Principal trees of Eastern Canada and their silvicultural characteristics; woodlot protection; requirements of good forest communities. Volume estimates of trees, logs and pulpwood, measurement of lumber; use of compass and pacing in woodlot cruising; calculation of annual cut; cutting methods as applied to even and uneven-aged forests; cultural measures to improve the woodlot; logging practices; reforestation, windbreaks and Christmas tree crops; marketing of products; management of maple groves. (*Not offered in 1958-59*)

M. 8:30—B296; Lab. S. 8:30, 9:30, 10:30, 11:30—B296. *Mr. Jones*

HORTICULTURE

4. GENERAL HORTICULTURE

A course dealing with the principles of farm horticulture, including the home garden, the propagation of plants, seed sowing, the improvement of the home surroundings, the farm orchard, and small fruits plantations.

Th. 8:30—A248; Lab. Tu. 1:30—A160—1st term; Tue. 10:30—A160; Lab. Th. 3:30—A160—2nd term. *Professor Murray and Staff*

6. VEGETABLE GARDENING

The production of vegetables with reference to climate, soils, fertilizers, seeds, spraying, harvesting, grading, packing, storage, marketing, and processing, with practical instruction in the greenhouse and laboratory throughout the course.

W. F. 10:30—A146; Lab. M. 1:30, F. 3:30—A160—1st term; W. F. 10:30—A202; Lab. Tu. 1:30, W. 3:30—A160—2nd term.

Professors Murray and David

7a. ORNAMENTAL GARDENING

Foundation planting; choice and care of ornamental trees, shrubs, vines, and flowers for the home grounds, and the making and care of lawns. Some instruction will be given in commercial floriculture.

M. W. 11:30—A204; Lab. W. 1:30—A160. *Miss Harney*

8. FRUIT GROWING

A practical study of orchard and small fruit production, including propagation, soils, fertilizers, culture, and other related phases, including spraying, harvesting, marketing, processing, and storage. One lecture per week during the second term will be used for complementary work on cold storage, by-products, etc

W. F. 8:30; Lab. M. 8:30, 9:30, Th. 1:30—A160—1st term; Tu. F. 9:30; Lab. W. 1:30, Th. 3:30—A160—2nd term. *Professors Taper and David*

MATHEMATICS

1. A review of elementary arithmetic; decimals, percentage, ratio and proportion, mensuration; agricultural problems.

Tu. 8:30; Lab. W. 3:30—E106—1st term; M. 11:30; Lab. W. 3:30—E106—2nd term. *Professor Banting*

NUTRITION

6a. FEEDS AND FEEDING

A study of common animal feedingstuffs and of their use in livestock feeding.

M. W. 11:30—A146. *Professor Lloyd*

PHYSICS

6a. An elementary course dealing with the fundamental principles of Physics and their application in agricultural practice.

S. 8:30—C110; Lab. W. 3:30, F. 1:30—C214. *Professor Oliver*

PLANT PATHOLOGY

6b. PLANT DISEASES

Studies of important plant diseases in horticultural crops, including losses, symptoms, cause, and spread.

M. W. 9:30—B110; Lab. Th. 8:30, 9:30—B112. *Professor Callen*

POULTRY HUSBANDRY

1. PRODUCTIVE POULTRY HUSBANDRY

The elements of poultry production and marketing applicable to general farm use. A study is made of the various breeds of chickens, ducks, geese, and turkeys and their general management through a complete production cycle.

W. F. 8:30—P202; Lab. W. 1:30—P202. *Professor Nikolaiczuk*

6b. POULTRY MANAGEMENT PROBLEMS

The economic significance of the various factors influencing production returns on the basis of poultry management.

Tu. Th. 11:30—P202; Lab. Tu. 3:30—P202. *Professor Maw*

PROJECT

6. Second year students are required to submit a project in the form of an essay and a questionnaire to be handed in not later than March 15th. The project work will comprise outlining in detail the present organization of a farm business and the crop and livestock practices used on the farm. This will include actual or carefully estimated farm costs, farm returns, and net income which might be expected under normal conditions from the present farm business. It will also comprise the development of an alternate farm plan aimed at improving the productivity and income of the farm. This will include a careful appraisal of the costs involved and a statement as to how and when the proposed changes are to be made. An analysis of the proposed plan indicating its advantages together with a compilation of the costs, returns, and net income, which might normally be expected during one year's operation under average conditions, is also required.

Questionnaire forms for organizing the necessary farm facts will be distributed before the close of the First year. They must be filled in during the summer and submitted as a part of the project.

2nd Yr.:—The equivalent of 2 labs., per wk., 2 terms.

Supervising Committee:—*Professor Hamilton (Chairman), Professors Cooper, MacFarlane, and Nikolaiczuk*

DIPLOMA COURSE EXAMINATIONS

All students are required to give satisfactory evidence of mastery of the material of lecture and laboratory. Examinations are held at the end of the first term in all courses given and at the end of each course. The examiner will pass in to the Registrar the final mark giving the standing of each student in all the work of the course.

The pass mark in all examinations is 40 per cent. First Class standing is 75 per cent and over, Second Class standing is 60 to 74 per cent, Pass standing is 40 to 59 per cent.

For purposes of evaluation a full course consists of two lectures and two laboratory periods per week for one term or its equivalent and is rated at 4 units. One lecture equals one laboratory period. More or less than full courses are rated proportionately. Students conditioned in papers of an aggregate value of 10 units or less are required to write supplemental examinations in those subjects. Students conditioned in papers having an aggregate value of more than 10 units are considered as having failed in the year's work.

Students who fail in the First year of the Diploma Course in Agriculture are not permitted to repeat the year, except by special action of the Faculty.

A student who is allowed to repeat a year may, by special permission be exempted from attending lectures and passing examinations in one or more subjects in which he has already passed creditably and be required to take one or more subjects of the following year in his course. The choice of subjects must involve no conflict of hours in the time table.

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. See page 4524.

REGULAR SUPPLEMENTAL EXAMINATIONS

A regular supplemental examination is a first supplemental examination in a subject.

Regular supplemental examinations are held immediately preceding the opening of lectures in October, and following the sessional examinations in the spring.

A first supplemental examination in a subject, not involving the preparation of a special paper, may also be arranged in conjunction with the regular sessional examinations.

SPECIAL SUPPLEMENTAL EXAMINATIONS

Supplemental examinations taken at other times than those appointed, and supplemental examinations taken subsequent to a first supplemental examination, are special supplementals and must be arranged with the Registrar.

Every candidate for either a regular or a special supplemental examination is required to fill out an application form for such examination and to return it with the necessary fee ($2.00 per paper) at least three weeks before the examination begins. Application forms may be obtained from the Registrar.

No student writing a supplemental examination in a subject shall be granted marks higher than the required pass mark—i.e., 40%.

ADVANCED DIPLOMA COURSE

Students who obtain at least high second-class standing in each year of the Diploma Course, may continue for a further year. For admission to the Third year the candidate's application and schedule of courses and any revision thereof must receive the approval of the Faculty.

The course is intended for those who do not desire a degree but are anxious to extend their educational equipment beyond the two-year course and to train themselves for the responsibilities of rural leadership. It is designed to permit those of good ability and some maturity to pursue a course where more emphasis is placed upon private study and individual effort than is possible during the first two years, when lectures and class room exercises consume the bulk of the student's time.

During the session, which, for the Advanced Diploma Course, dates from the opening of the Degree Course, the student's time is divided between assigned studies, projects, and departmental work. His curriculum includes reading, preparing reports, writing essays, and course work.

The course is not rigidly prescribed and is intended to be of a broad and general character. Nevertheless, it provides opportunity for the student to pay special attention to those phases of agriculture in which he is particularly interested. The courses taken will be selected from those listed below, but the student may be permitted to attend others which may be of value to him. The courses will be selected in consultation with the Chairman of the Diploma Course Committee.

At the end of his course of study, the student will submit himself to examinations in the individual courses taken when required, and to a series of comprehensive examinations in practical and scientific agriculture, written and oral, set by a Board of Examiners appointed for the purpose.

An Advanced Diploma in Agriculture may be awarded at the completion of the year's work or may be withheld until the student has demonstrated the necessary capacity in the work undertaken.

Only a limited number of students will be accepted each year.

Courses may be chosen from the following list, supplemented, if desired, by others approved by the Faculty:—

AGRICULTURAL ENGINEERING:—431b, 432b, 433a, 344b.

AGRONOMY:—436b, 343.

ANIMAL HUSBANDRY:—330a, 334b, 335b, 441b.

BOTANY:—330b.

ECONOMICS:—*220b, 330b, 331b, 332a.

ENGLISH:—*114, *226.

ENTOMOLOGY:—434b.

EXTENSION METHODS:—330.

HORTICULTURE:—431, 338a, 339b, 343a, 344b.

PLANT PATHOLOGY:—331a.

POULTRY HUSBANDRY:—431a, 333a, 435, 438b.

*The courses marked with an asterisk are required and examination must be taken in them.

B.Sc. (H.Ec.) Course

This is a four year professional course for women leading to the degree of Bachelor of Science in Home Economics. The training enables the graduate to undertake positions in many of the different branches of Home Economics, including dietetics and the teaching of Home Economics in schools.

Students who wish to qualify for a teaching certificate in Home Economics must decide before entering the Fourth year, since this specialist training is given during the last year. Properly qualified students may be granted a Specialist Certificate for teaching Household Science subjects, on graduation. This certificate is granted by the Protestant Central Board of Examiners of the Province of Quebec and only those students who may legally teach in the Protestant Schools of this Province should attempt to qualify for this certificate. Those desiring to apply for the certificate will be required to observe and teach in the elementary and secondary schools of the province for periods of time totalling not less than five weeks. It may be necessary to limit the number of students in the teaching option.

The practice of dietetics is the assuming of responsibility for the production of food in hospitals, institutions, and commercial restaurants, and opportunities to observe and practise kitchen administration are provided in the dining room of the staff residence at "Glenaladale" and in the main kitchen and cafeteria. Further training is offered by hospitals and commercial institutions after graduation.

The course also includes training in home management in a model house (the Stewart Home Management House), which is located on the campus. Here students live together, under supervision, and are responsible for all the household routines.

The four year course in Home Economics prepares students for professional careers as dietitians, home economics teachers, nutritionists, extension workers with government services, home economists in home service bureaus, and many other positions. In addition, it provides a general university education, and is of incomparable value as a background for homemaking.

CLASSES OF STUDENTS

1. *Regular Undergraduates* are students with complete matriculation qualifications and who are taking the regular work of their year toward the appropriate degree or diploma.

2. *Limited Undergraduates* are students with normal entrance qualifications but who, due to ill health or other circumstances, do not fit into the regular classification of years (first, second, etc.) and who may be unable to complete their work in the normal length of time.

3. *Partial Students* are those not proceeding to a degree or diploma, including those doing a qualifying year for graduate work, or those earning credits for transfer to another faculty or institution.

ENTRANCE REQUIREMENTS

1. General Entrance requirements have been set out on page 4533.

2. Academic requirements: Admission is at the discretion of a faculty committee. The Committee accepts as a general standard the McGill School Certificate. The minimum requirement for consideration under this Certificate is that the candidate must have passed (obtained 50 per cent or more) in each of the subjects specified below, with a minimum of 10 papers. An average standing of not less than 60% in the 10 papers is required.

Papers	Required Subjects
1	English Literature
1	English Composition
1	History
1	Elementary Algebra
1	Elementary Geometry
	plus the following
1	One of Physics, Chemistry, or Biology
2	Two papers (i.e. Oral and Written or Grammar and composition in one of French, Latin, German, Spanish
2	Two additional papers chosen from (a) the foreign language not already chosen (b) the sciences not already chosen, i.e., Physics, Chemistry, Biology (c) Intermediate Algebra, Trigonometry, Art, Geography, North American Literature, Music, Household Science
10	

The following certificates are accepted in lieu of the McGill Junior School Certificate provided:

1. The certificate has been obtained under no easier conditions than those applying to the McGill Junior School Certificate; and

2. The subjects presented and the average standing obtained on such certificates conform generally to those listed above for the McGill Junior School Certificate:

Quebec: The High School Leaving Certificate
The Catholic High School Leaving Certificate

Ontario: Grade XII Certificate (including a statement of marks received in both Grades XI and XII)

British Columbia and New Brunswick: Junior Matriculation

Alberta, Manitoba, Newfoundland, Nova Scotia and Saskatchewan: Grade XI Certificate

Prince Edward Island: Second Year Certificate of Prince of Wales College

United States: Certificates issued by the College Entrance Examination Board

United Kingdom: For the General Certificate of Education, a minimum of passes in five acceptable subjects at the Ordinary level, including English and Mathematics; for the School Certificate, credit or higher standing in at least five acceptable subjects including English, Mathematics, a foreign language

Students intending to enter by certificate should in no circumstances come to the College without having obtained from the Registrar a statement of the value of the certificates they hold.

Students with incomplete requirements may obtain standing in subjects including in the McGill School Certificate by writing McGill examinations.

A candidate may be admitted to the Second year if (1) she has completed all requirements for entrance to the First year and (2) has written and passed with acceptable standing the required papers of the McGill Senior School Certificate Examination. These are:

English Literature

English Composition

Algebra

Trigonometry

Physics

Chemistry

Biology or a foreign language

Students without equivalent standing for Botany are required to take Botany 110 as an extra course in the Second year. First year or Senior Matriculation Biology, or a foreign language, will be accepted in lieu of Botany 110.

The following certificates are accepted in lieu of the McGill Senior School Certificate:

Quebec: Senior Quebec High School Leaving Certificate
Senior Catholic High School Leaving Certificate

Ontario: Grade XIII Certificate

Alberta, Manitoba, Nova Scotia and Saskatchewan: Grade XII Certificate

Prince Edward Island: Third Year Certificate of Prince of Wales College

British Columbia: Senior Matriculation Certificate

United Kingdom: For the General Certificate, passes in five subjects at Ordinary Level, plus Physics and Chemistry at Advanced Level.

APPLICATION FOR RESIDENCE ACCOMMODATION

See under "Residence", page 4521.

SYLLABUS

B.Sc.(H.Ec.) Course

SUBJECTS	Course Numbers	Unit Value	Periods per week		Term Given
			Lects.	Labs.	
FIRST YEAR					
Art:—					
Art Appreciation	110a	2	1	1	First
*Botany:—					
Introductory Botany	110	8	2	2	Both
Chemistry:—					
Inorganic Chemistry	110	10	3	2	Both
English:—					
Composition	114	4	1	1	Both
Literature	116	4	2	..	Both
Household Science:—					
Introduction to Household Science	110a	2	2	..	First
Mathematics:—					
Plane Trigonometry	111	3	2	..	First
	..	..	1	..	Second
Algebra	112	3	1	..	First
	..	..	2	..	Second
Physics:—					
General Physics	112	8	3	1	Both
Physical Education	10	Minimum 2 hours weekly			
Textiles:—					
Laundering	110b	3	2	1	Second
SECOND YEAR					
Art:—					
Interior Decoration	220b	2	1	1	Second
Chemistry:—					
Organic Chemistry	220	10	3	2	Both
Clothing:—					
Clothing Selection	220a	2	2	..	First
**English:—					
Modern Literature	225	4	2	..	Both
or					
Speaking and Writing	226	4	2	..	First
		..	1	1	Second
Foods and Cookery:—					
Basic Cookery	226	10	2	3	Both
Household Administration	220	3	1	..	First
		..	1	1	Second
Nutrition:—					
Elementary Nutrition	220b	2	2	..	Second
Textiles:					
Fibres and Fabrics	220	4	2	..	Both
Zoology:—					
General Zoology	220	8	2	2	Both

*First year or Senior Matriculation Biology, or a foreign language, will be accepted in lieu of Botany 110.

**Second year students must take either English 225 or English 226.

See also elective courses in French and History, page 4577.

SYLLABUS

B.Sc. (H.Ec.) Course

SUBJECTS	Course Numbers	Unit Value	Periods per week		Term Given
			Lects.	Labs.	
THIRD YEAR					
Bacteriology:—					
General and Food Bacteriology	331a	4	2	2	First
Chemistry:—					
General Biochemistry	332a	4	2	2	First
Physiological Chemistry	347b	4	2	2	Second
Child Psychology (elective)	331a	3	3	..	First
Clothing:—					
Principles of Construction	330	3	..	1	First
				2	Second
Economics:—					
Elementary Principles	220b	3	3	..	Second
Foods and Cookery:—					
Advanced Cookery	332	5	1	1½	Both
Food Values	333a	2	1	1	First
Food Selection	335	2	1	..	Both
Home Economics Education: —					
Educational Psychology	330b	3	3	..	Second
Household Administration:—					
Home Management	331c	4	1	3	Either
Physics:—					
Biophysics	340a	2	1	1	First
Physiology:—					
Elementary Physiology	330b	3	3	..	Second
Sociology (elective)	340b	3	3	..	Second
Elective:—(to be chosen from any non-compulsory course)	..	3	..	..	Either
FOURTH YEAR					
Teaching Option					
Chemistry:—					
Textile Chemistry	450a	2	1	1	First
Clothing:—					
Advanced Clothing	440	6	..	3	Both
Home Economics Education:					
General Educational Practice	411	3	2	..	First
		..	1	..	Second
Methods of Instruction	440a	4	4	..	First
Principles of Group Education	442c	2	..	2	Either
Observation and Practice Teaching	443b	4	2	2	Second
Problems in Home Economics Education	453b	2	2	..	Second
Institution Administration:—					
Institution Practice	441c	1	..	1	Either
Nutrition and Dietetics:—					
Fundamentals of Nutrition	430	6	2	1	Both
Nutrition Seminar	446b	2	2	..	Second
Dietetics Option					
Home Economics Education:—					
Principles of Group Education	442c	3	..	3	Either
Foods and Cookery:—					
Experimental Cookery	434a	3	1	2	First
Institution Administration:—					
Institution Practice	441c	2	..	2	Either
Food Production	442c	2	2	..	Either
Institutional Cost Accounting	443a	2	2	..	First
Personnel Management	444a	2	2	..	First
Kitchen Organization	445b	3	3	..	Second
Nutrition and Dietetics:—					
Fundamentals of Nutrition	430	6	3	..	Both
Diet Therapy	441	6	2	..	First
		..	3	1	Second
Nutrition Seminar	444b	2	2	..	Second

DESCRIPTION OF COURSES

ART

110a. ART APPRECIATION

A study of the main periods in Art and the influence of Art in modern society.

W. 8:30—M258; Lab. F. 10:30, 11:30—M162.

Miss Jaques (Institute of Education)

220b. INTERIOR DECORATION

A study of domestic architecture, period furniture, colour theory, harmony, and planning of interiors, with special emphasis on institutions and food service areas. History of painting, with special attention to the moderns.

Tu. 8:30—M258; Lab. F. 1:30—M162.

Miss Jaques (Institute of Education)

BACTERIOLOGY

331a. BACTERIOLOGY

A course in general and food bacteriology.

W. F. 11:30—B118; Lab. Tu. Th. 10:30, 11:30—B118.

Text Book:—Krueger, Principles of Microbiology.

BOTANY—*Taken with B.Sc. (Agr.)*

110. INTRODUCTORY BOTANY

M. F. 8:30—B216; Lab. W. 1:30, 3:30—B110 & B112. *Professor Callen*

CHEMISTRY—*Taken with B.Sc. (Agr.)*

110. INORGANIC CHEMISTRY

Tu. Th. S. 8:30—C218; Lab. M. 1:30, 3:30—C116. *Mr. Henneberry*

220. ORGANIC CHEMISTRY

Fundamental concepts of organic chemistry; properties and structure of related aliphatic, aromatic and heterocyclic compounds. Laboratory work includes preparation and examination of typical organic compounds.

M. W. F. 10:30—C218; Lab. W. 1:30, 3:30—C116. *Professor Baker*

332a. GENERAL BIOCHEMISTRY

M. F. 8:30—C218; Lab. F. 1:30, 3:30—C116. *Professor Common*

347b. PHYSIOLOGICAL CHEMISTRY

Prerequisites: Chemistry 332a and Physics 340a.

Tu. Th. 11:30—C218; Lab. F. 1:30, 3:30—C116. *Professor Common*

450a. TEXTILE CHEMISTRY

A study of the physical and chemical structure of textile fibres to explain their behaviour under wear conditions.

Prerequisite: Textiles 220

M. 9:30—M212; Lab. T. 8:30, 9:30—M212. *Professor Jenkins*

451a. CHEMISTRY OF FOODS AND FEEDINGSTUFFS

Tu. Th. 8:30—C228; Lab. Th. 1:30, 3:30—C124. *Elective.*

Professor Common and Dr. Anastassiadis

CLOTHING

220a. CLOTHING SELECTION

History of costume; principles of design as applied to dress; fabrics used for clothing; wardrobe planning with student demonstrations.

T. 11:30—M258; Th. 9:30—M204. *Professor Jenkins*

330. PRINCIPLES OF CLOTHING CONSTRUCTION

Three garments are made, one each of cotton, wool, and rayon.

Lab. Tu. or Th. 1:30—M210—1st term; Tu. or W. 1:30, 3:30—M210—2nd term. *Professor Jenkins*

440. ADVANCED CLOTHING

An advanced course in dressmaking and costume design including pattern making and tailoring. Experience in weaving is arranged in May of each year for Third year students who plan to enroll in the Teaching Option in the Fourth year. These students remain for two weeks after the final examinations. A fee of $8.00 is charged to cover the cost of materials.

M. 1:30, 3:30, F. 2:30—M210. *Professor Jenkins*

ECONOMICS—*Taken with B.Sc. (Agr.)*

220b. ELEMENTARY PRINCIPLES

Tu. Th. S. 9.30—A202. *Professor MacFarlane*

330b. MARKETING OF FARM PRODUCTS

A study of the marketing of the principal farm products and an analysis and appraisal of private, co-operative, and governmental marketing facilities, with reference to the width of marketing and processing margins. *Elective.*

M. W. F. 9:30—A248. *Professor Haviland*

333. PRINCIPLES OF ECONOMIC THEORY

An intermediate course in economic theory concerned with an analysis of the forces determining the level of prices, production, and employment. *Elective.*

M. W. F. 8:30—A204. *Professor Haviland*

ENGLISH—*Taken with B.Sc. (Agr.)*

114. ENGLISH COMPOSITION

F. 9:30—first meeting—M258; Lab. not scheduled.

Professors Avison, Cole, and Mrs. Dubreuil

116. ENGLISH LITERATURE

M. W. 9:30—Assembly Hall. *Professor Cole*

225. MODERN LITERATURE

An extension of Course 116, with topics and readings drawn from the work of British, Canadian, and American writers in the period from 1880 to the present. This course may be elected by Third or Fourth year students.

W. F. 11:30—M258. *Professor Hall*

226. SPEAKING AND WRITING

An extension of Course 114 for students who require or desire further practice in oral and written expression. Laboratory periods may be substituted for lectures. This course may be elected by Third or Fourth year students.

M. W. 11:30—C110 & M50—1st term; M. W. 11:30—M50 & M110—2nd term. *Professors Avison, Cole, and Mrs. Dubreuil*

All Second year degree course students must take either English 225 or English 226. The prerequisite to these courses is successful completion of Senior Matriculation English Literature and Composition, or English 114 and 116 at Macdonald College.

331. THE LITERATURE OF RURAL LIFE

A study of Canadian and American regional literature. The schedule of topics and readings, covering the period from pioneer settlements to the present day, emphasizes the large place in our literature held by prose and poetry which is inspired by the land and the people who live on the land. *Elective.*

3rd or 4th Yr.:—1 lect. per wk., 1st term; 2 lects. per wk., 2nd term.

Professor Avison

332. MODERN DRAMA

A reading course in modern English and American drama with special attention to trends and developments since 1900. Not given for fewer than 5 students. *Elective.*

2 lects. per wk., 1st term; 1 lect. per wk., 2nd term. *Professor Hall*

EXTENSION METHODS

330. EXTENSION METHODS

A course in public speaking, study group technique, extension methods in Agriculture and Household Science, rural sociology. *Elective.*

Not scheduled. *Professor Avison and Committee*

FOODS AND COOKERY

226. BASIC COOKERY

Study and practice in methods of food preservation. The selection and preparation of foods and the principles of cookery

M. 9:30, Th. 8:30—M258; Lab. M. 1:30, 3:30, Tu. 8:30, 9:30—M252 or Th. 1:30, 3:30, F. 8:30, 9:30—M252, 1st term; Lab. M. 1:30, 3:30, Th. 8:30, 9:30—M252 or Th. 1:30, 3:30, F. 8:30, 9:30—M252—2nd term.

Five days of laboratory work in food preservation prior to the opening of the session.

332. ADVANCED COOKERY

An advanced course in food preparation.

Tu. 8:30—M204; Lab. Tu. 1:30, 3:30—M250 or Th. 1:30, 3:30—M250—1st term; Lab. Tu. 1:30, 3:30—M250 or W. 1:30, 3:30—M250—2nd term.

Miss Stickwood

333a. FOOD VALUES

Calculation of the nutritive value of foods and meals, with practical application.

M. 11:30—M204; Lab. M. 2:30—M208. *Miss Stickwood*

335. FOOD SELECTION

A study of foods, including the selection and use of rare fruits and vegetables and food adjuncts.

Th. 9:30—M208—1st term; W. 9:30—M258—2nd term.

Miss Stickwood

434b. EXPERIMENTAL COOKERY

Experience in experimental procedures and the interpretation of results. Each student completes one project.

Tu. 1:30—M256; Lab. Tu. 2:30, Th. 1:30—M256.

Professor Devereaux

FRENCH

100. French is used exclusively by lecturer and students in this course.

(a) *Travail oral:* The aim of this section of the course is to increase fluency, accuracy, and precision in speaking French. Assignments vary according to the interests and capabilities of the students.

(b) *Explication de textes:* A study, gauged to the achievement level of the students, of a novel of French Canada. The primary object is to master the story and to appreciate the atmosphere of French Canada as portrayed in the novel. Subsequently a detailed analysis is undertaken.

(c) *Cours de civilisation:* A survey course of French history; biographical and literary aspects are stressed.

Texts to be announced. *Elective.*

Professor Hawkins (Institute of Education)

300. *Aim:* practice in French for students who expect to work in Quebec Province: preparatory work for postgraduate students who intend to meet second language requirements in French. Emphasis will depend on needs of students enrolled. *Prerequisite:* Quebec High School Leaving French or equivalent. *Content:* writing, reading and oral practice.

Elective.

Professor Hawkins (Institute of Education)

HISTORY

100. European civilization in medieval and modern periods. *Elective.*

Professor Zagorin (Faculty of Arts and Science)

HOME ECONOMICS EDUCATION

330c. PSYCHOLOGY

General and practical aspects applied to teaching, learning, and living.

M. 9:30—M204; W. 11:30—M208; F. 9:30—M204—either term.

Professor Honey

411. GENERAL EDUCATIONAL PRACTICE

Taken in conjunction with the School for Teachers by students in the Teaching Option. Registration is on September 8th.

Institute of Education Staff

440a. METHODS OF INSTRUCTION

Applications of principles studied in Education 330c. Examination of curricula in Home Economics with particular attention to the Quebec course of study. Selection and organization of subject matter for various types of lesson; class management; observation and teaching of discussion and laboratory classes.

M. 11:30—M258; Tu. 11:30, W. 9:30, F. 11:30—M208.

Professor Honey

442c. PRINCIPLES OF GROUP EDUCATION

This course furnishes experience in the preparation of material for the public in the form of food, clothing, or equipment demonstrations. Job Instruction Training is included. Students who take Education 440a, and Education 443b and 453b will be required to take the equivalent of only 2 laboratory periods per week.

Dietetics Option: F. 2:30—M256—1st term; Tu. W. 2:30—M256—2nd term.

Teaching Option: W. 2:30—M256—1st term; Tu. 2:30—M256—2nd term. *Professor Honey*

443b. OBSERVATION AND PRACTICE TEACHING

Observation and practice teaching in Macdonald High School and in the schools of the Protestant School Board of Greater Montreal. Experience will also be arranged in rural schools when possible.

Th. as arranged. *Professor Honey*

453b. PROBLEMS IN HOME ECONOMICS EDUCATION

This course runs concurrently with Education 443b. Problems arising from field experience serve as the basis for some of the discussion. Examination of types of laboratories and equipment used in teaching Home Economics; study of various methods of keeping records, of evaluating practical and written work; the use of books, magazines, films, filmstrips, and other source material; organization and preparation of teaching materials for classes in Home Economics.

Tu. 10:30—M208; W. 10:30—M204. *Professor Honey*

HOUSEHOLD ADMINISTRATION

220. HOUSEHOLD ADMINISTRATION

A study of house planning, with detailed attention to kitchen from the standpoint of function, convenience, and safety; selection, use, and care of household equipment and furnishings, including practical work in cleaning; menu planning, table service and decorations.

Th. 10:30—M258—1st term; W. 8:30—M204; Lab. Th. 8:30, 9:30—M208 or F. 8:30, 9:30—M208—2nd term. *Professor Devereaux*

331c. HOME MANAGEMENT

A study of the process of home management; planning, carrying out the plan, and evaluating with practical application in a well-equipped house on the campus where groups of five students, under supervision, have charge of managing the home, including menu planning, preparation and service, marketing, accounting, and care of supplies, equipment, and furnishings.

Tu. 9:30—M258—1st term plus 3 weeks in Home Management House. Lab. not scheduled. *Professor Devereaux*

HOUSEHOLD SCIENCE

110a. INTRODUCTION TO HOUSEHOLD SCIENCE

A course of lectures arranged to acquaint the student with the development and scope of Household Science.

M. W. 10:30—M258. *Household Science Staff and others*

INSTITUTION ADMINISTRATION

441c. INSTITUTION PRACTICE

A. School Feeding. A study of school lunch programmes and cafeteria service, with opportunity for practical experience.

Teaching Option: Tu. 9:30—M208—2nd term. *Miss McKirdy*

B. Institution Practice. Practical experience in quantity cookery, and institution routines in dining departments.

Dietetics Option: Not scheduled. *Staff*

442b. FOOD PRODUCTION

Quantity food buying, principles of quantity cookery, and menu planning.

Tu. 11:30, W. 9:30—M204. *Miss McKirdy*

443a. INSTITUTIONAL COST ACCOUNTING

Food cost control methods and accounting procedures related to food service.

M. 11:30, Tu. 9:30—M208. *Miss McKirdy*

444a. PERSONNEL MANAGEMENT

A study of employee training programmes in dietary departments; leadership development.

M. W. 10:30—M208. *Professor Neilson*

445b. KITCHEN ORGANIZATION

The purchasing of large quantity equipment; kitchen planning and sanitation.

Tu. 11:30, W. 9:30, F. 11:30—M208. *Professor Neilson*

MATHEMATICS—*Taken with B.Sc. (Agr.)*

111. PLANE TRIGONOMETRY

Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformations of sums and products, logarithmic solutions of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

Tu. S. 9:30—B216—1st term; Th. 9:30—B216—2nd term.

Professor Henry (Institute of Education)

112. ALGEBRA

Variation, progressions, with applications to compound interest, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

Th. 9:30—B216—1st term. Tu. S. 9:30—B216—2nd term.

Professor Henry (Institute of Education)

NUTRITION AND DIETETICS

220a. ELEMENTARY NUTRITION

A study of the indications of good nutrition and the essential food constituents.

M. 9:30, Tu. 11:30—M258.

430. FUNDAMENTALS OF NUTRITION

For description see Nutrition Department Course 430 in the B.Sc.(Agr.) syllabus.

M. W. 8:30—A202; Lab. F. 8:30, 9:30—A202.

Professors Crampton, Lloyd and Farmer

441. DIET THERAPY

The function of nutrition as a curative and preventive factor in disease. Visits to hospital clinics and dietary departments. Field trips.

M. 9:30, F. 10:30—M208—1st term; M. 9:30—M208; Tu. 10:30, Th. 8:30—M204; Lab. Th. 10:30, 11:30—M250—2nd term.

Miss Stickwood

444a. NUTRITION SEMINAR

Part of the work in this course will be taken with B.Sc.(Agr.) students.

M. W. 11:30—M204. *Professors Farmer and Neilson*

PHYSICAL EDUCATION

10. Physical Education will be included in the work of the First year, all students being required to attend a minimum of two hours weekly during the session. Opportunity is provided for participation of all students in archery, swimming, basketball, skating, hockey, and badminton.

M. or Tu. or Th. 11:30—Stewart Hall Gymnasium.

Miss Nichol (Institute of Education)

PHYSICS—*Taken with B.Sc.(Agr.)*

112. GENERAL PHYSICS

Tu. Th. S. 10:30—C218; Lab. Tu. 1:30—C214—1st term. Tu. 1:30—C-108—2nd term.

Professor Rowles

340a. BIOPHYSICS

M. F. 9:30—C218; Lab. W. 1:30—C108—half term.

Professor Rowles and Mr. Fraser

PHYSIOLOGY—*Taken with B.Sc.(Agr.)*

330b. ELEMENTARY PHYSIOLOGY

W. F. S. 8:30—B112.

Professor Dale

PSYCHOLOGY

EDUCATIONAL PSYCHOLOGY—See course Home Economics Education 330c.

331c. CHILD PSYCHOLOGY

The course will follow the development of the child from prenatal stages through the years of middle childhood. Special emphasis will be placed on the practical aspects of child care, training, behavior symptoms, and the everyday problems of the normal child. *Elective.*

M. W. F. 10:30—M204. *Professor Young (Institute of Education)*

SOCIOLOGY

340c. INTRODUCTION TO SOCIOLOGY—The Community

An examination of the social patterns of our society, with emphasis on group relationships. Special consideration will be given to the problems of the business and professional woman in modern society. *Elective.*

M. W. F. 10:30—M208. *Mrs. MacFarlane*

TEXTILES

110b. LAUNDERING

Effect of common chemicals on textile fabrics; methods of laundering, stain removal, and dry cleaning; study of laundry equipment.

M. 10:30—M258; W. 8:30—M212; Lab. W. 10:30, 11:30 or F. 10:30, 11:30—M212. *Professor Jenkins*

220. TEXTILE FIBRES AND FABRICS

The source, construction, properties, and qualities of textile fibres and fabrics for clothing, household, and institutional use. Furnishings for the home and institution will be studied in order to establish a basis for the wise selection of textile materials by the consumer. Prerequisite to Chemistry 450b.

M. W. 8:30—M212—1st term; M. 8:30, Th. 10:30—M212—2nd term.

ZOOLOGY—*Taken with B.Sc.(Agr.)*

220. GENERAL ZOOLOGY

Tu. S. 10:30—B216; Lab. Tu. 1:30, 3:30—B212.

B.Sc.(H.Ec.) COURSE EXAMINATIONS

(See page 4586)

Loan Funds, Bursaries, Scholarships and Prizes

GENERAL

LOAN FUNDS

The College possesses loan funds of limited amount from which some assistance may be given to particularly deserving students of good academic standing who are specially recommended on personal grounds by the Dean of the Faculty of Agriculture or the Director of one of the Schools of the Faculty. The Secretary will be pleased to furnish full information on request.

Kiwanis Club of Montreal Student Loan Fund. To assist worthy students who are in need of financial help to further their education, the Kiwanis Club of Montreal has established a loan fund for students in Agriculture at Macdonald College. Loans from this fund may be applied for by students contemplating entering the College as well as by students already enrolled.

The loans are to be repaid, in whole or by instalments, as soon as the recipient is able to do so. Except in special cases the maximum loan is $250.

Application for a Kiwanis Club loan is to be made to the Secretary, Macdonald College.

BURSARIES AND SCHOLARSHIPS

Provincial Government Grant. The Department of Agriculture of the Province of Quebec grants to each graduate and undergraduate student in Agriculture who belongs to the Province of Quebec, and is registered for regular courses, $15.00 per month of attendance in studying according to the time table in the Faculty of Agriculture, Macdonald College. Other students in Agriculture receive grants of half this amount. This grant will be paid in two instalments, in January and in May. In the case of graduate students, only bona fide students who give full time to their studies are eligible for the grant.

Dominion-Provincial Loans and Bursaries. The Dominion and Provincial Governments jointly offer a number of bursaries and combined bursaries and loans to degree students in most faculties and schools. These are

open to men and women on equal terms. The Quebec grants are half bursary and half loan, the latter being repayable one year after graduation. To be eligible for a Quebec grant, a student must be a British subject with at least five years' residence in the Province of Quebec, and must be under thirty years of age, in good academic standing, and in definite need of financial assistance. In some cases bursaries may be granted to married students.

Graduate students are not eligible under this plan, nor are students who receive any assistance from other Government funds. The award varies with the need and will not generally exceed $200 for a Montreal resident or $500 for a non-resident in any one session. These bursaries may be renewed upon application before 1st June if the conditions for granting the award are maintained. Applications for new bursaries must be submitted on the proper forms before 15th September. Decisions regarding renewals of these bursaries are usually made late in August, but decisions regarding the award of new bursaries are not usually made until after the middle of October. For further particulars apply to the Registrar's Office. Students coming from other provinces should inquire from their Provincial Departments of Education whether they are eligible to participate in any comparable scheme.

Children of War Dead (Education Assistance) Act. Under this Act fees and monthly allowances are provided for children of veterans whose death was attributable to military service. Enquiries should be directed to the nearest District Office of the Department of Veterans Affairs.

B.Sc. (Agr.) COURSE

Eliza M. Jones Scholarships. Five scholarships have been established by a bequest of the late F. P. Jones in memory of his mother. They are restricted to applicants who are entering the B.Sc. (Agr.) course for the first time. They have a minimum value of $200 and a maximum value of $300 and are renewable from year to year, provided satisfactory academic standing is maintained. Three are reserved for students who are entering the Third year of the course. Scholarships will be awarded on the basis of academic qualifications.

Application forms may be obtained from the Registrar, and all applications must be made before September 1st. Candidates are required to submit their complete High School record, their matriculation or school leaving marks, and a confidential letter from their school principal.

Macdonald College Bursaries. A limited number of bursaries are available for degree course students in Agriculture and Home Economics. These may be granted to students in any year of the course, but are

intended primarily to assist deserving First year students who might not be able to attend college without this assistance. The value varies from $50 to $100 according to circumstances, and they are renewable from year to year provided application is made in good time and the recipient's academic record justifies renewal.

Bursary holders may be required to undertake a certain amount of work for the College in return for their bursaries. The maximum number of hours any bursary holder may be asked to give is three hours a week throughout the session, or one hour for each dollar of his bursary, whichever may be smaller.

Applications for a bursary, and for renewal of a bursary, must be made to the Registrar, on forms provided, before September 1st each year.

Alumni Bursaries. Two bursaries of $200 each are offered by the Macdonald Branch of the McGill Graduates' Society. One will be awarded to a student entering the B.Sc.(Agr.) course, the B.Sc.(H.Ec.) course, or the B.Ed. course. One will be awarded a student entering the Second year of one of these courses. The winner of the entrance bursary will be considered along with other applicants for the Second year bursary.

Application must be made to the Registrar before September 1st, on forms provided.

Borden Company Limited Scholarship. A scholarship valued at $200 is offered by the Borden Company Limited of Canada to encourage promising students who take a course of study of value to the dairy industry. The award will be made to a student on completion of his Third year, half payable at the beginning of the first term of the Fourth year, the balance at the beginning of the second term. The following factors will be considered in making the award: high standing in the subjects of his course during the Third year with emphasis on dairying, dairy chemistry, or dairy bacteriology; participation in student organizations and college activities; co-operation with students and staff in the advancement of the interests of the student body and the College as a whole.

Applications should be addressed to the Registrar before September 1st.

Daughters of the Empire Scholarship. As a recognition of the value of agricultural education in their Province and Country, the Imperial Order Daughters of the Empire, Quebec Provincial Chapter, gives a scholarship of $200, tenable during the Third and Fourth years of the B.Sc. (Agr.) course, to the British student who obtains the highest marks in the final examinations of the Second year. The scholarship is payable to the winning student in two instalments of $100 each at the beginning of his Third and Fourth years respectively.

James Rist Gorham Memorial Scholarship. A scholarship of $100 established by the late W. M. Gammon in memory of his friend, James Rist Gorham, B.Sc. (Agr.), killed in action March 17th, 1942. The scholarship will be granted to the student in the General Agriculture option who ranks first in the final examinations of the Third year.

Nova Scotia Agricultural College Scholarship. Macdonald College offers a scholarship of $500 to the student of the Nova Scotia Agricultural College who obtains the highest standing in the work of the Second year of the degree course in that College, and who subsequently registers in the Third year at Macdonald College. The scholarship will be paid in two instalments: half at the beginning of the Third year, half at the beginning of the Fourth year.

Robert Raynauld Prizes. Four prizes are offered by Robert Raynauld, M.S.A. '28, publisher of *La Ferme.* Two prizes, of $60 and $40 respectively, are awarded to the students standing first and second in course Agronomy 442—Project. The decision is based on both written and oral presentation.

Two prizes of $60 and $40 respectively are awarded to the students standing first and second in the examinations of the Third year of the Agronomy Option.

Steinberg Bursary. A bursary of $100 offered by Steinberg's Ltd., available to a student in the Third or the Fourth year of the B.Sc.(Agr.) course. Application to be made to the Registrar before September 1st.

Chemical Institute of Canada Prize. The Chemical Institute of Canada offers a prize of books to the value of $25 to the student in the Chemistry Option with the highest standing at the end of the Third year.

Society of Chemical Industry Prizes. Two prizes, one of $25 and one of $50, are offered by the Montreal Section of the Society of Chemical Industry (Canadian Section), for an original essay on a chemical subject. Undergraduate students are eligible to present papers. Further details may be obtained from the Chairman of the Chemistry Department, or from the Registrar's Office.

Lochhead Memorial Prize. A prize established by an endowment of $400 in memory of William Lochhead, B.A., M.Sc., the first Professor of Biology at Macdonald College. It is awarded to the student, majoring in Entomology, who takes the highest standing in the Fourth year, the prize, in value equal to the proceeds of the endowment for one year, to be in books selected by the winner with the approval of the Head of the Department of Entomology.

Class of 1953 Book Prize. Graduates of the class of 1953 (Agriculture and Household Science) have established a fund, the proceeds of which are used to provide a prize in books for the student with the highest standing in all the courses of the second year curriculum. The prize will be awarded in the B.Sc.(Agr.) course in odd-numbered years; in the B.Sc.(H.Ec.) course in even-numbered years.

Governor General's Medal. His Excellency the Governor General of Canada donates a bronze medal to be awarded to the Second year student who ranks highest in General Proficiency in First and Second year work.

Lieutenant-Governor's Medal. His Honor the Lieutenant-Governor of the Province of Quebec gives annually a silver medal, which is awarded to the student who takes the highest standing in General Proficiency in the First year of the B.Sc. (Agr.) course.

Stern Cup. Sir Edward D. Stern, Fan Court, Chertsey, Surrey, England, has donated a silver challenge cup, which is held for one year by the student who makes the highest aggregate in Stock Judging in the final year of the subject.

Cutler Shield. Mr. Garnet H. Cutler, Professor of Agronomy, Purdue University, Lafayette, Indiana, the first lecturer in Cereal Husbandry, Macdonald College, has donated a bronze challenge shield, which is held for one year by the student majoring in Agronomy, who makes the highest aggregate in the final year.

Conklin Trophy. Dr. Raymond L. Conklin has donated a trophy to be held for one year by a student in any year of the B.Sc.(Agr.) course who has, in any one session, played on the College rugby team and in one other team sport and who, in the same year, has maintained high academic standing. The winner's name will be engraved on a shield on the trophy which will be awarded only once to any individual.

Janet Morison Robb Bursary for Women. See page 4625.

General University Scholarships. See page 4626.

Note:—No prize will be awarded to any student in any of the classes whose percentage of marks is below seventy, unless by special action of the Faculty.

GRADUATE SCHOLARSHIPS

Walter M. Stewart Scholarships. Two scholarships of $1000 each are offered graduate students at Macdonald College. One may be held by a graduate student whose undergraduate work was taken at the Institut Agricole d'Oka, one by a student from Ste. Anne de la Pocatiere. Application for these scholarships must be made to the Directors of the two colleges mentioned.

C.I.L. Fellowship. Canadian Industries offer a Fellowship to a student engaged in graduate work at Macdonald College. For students working at the Ph.D. level, the value is $2000. The Fellowship is open to any British subject who is a graduate of a recognized university, and the chosen candidate may be registered in any department provided he is engaged in laboratory research related to chemistry in agriculture. At the close of the academic year a full written report of all work performed under the Fellowship shall be submitted to Canadian Industries Limited.

Each award shall be for one academic year but, in the event that a Fellow shows by his progress and application that such a course is desirable, the Fellowship may be re-awarded to the same person for a further term of one year.

Applications, addressed to the Registrar, must be made before May 15th each year.

Cominco Fellowship. The Consolidated Mining and Smelting Company of Canada, Limited, offers annually a fellowship of $1000 for research related to metals, fertilizers, and chemicals; an additional grant up to $200 may be made for research expenses or for continuance of the investigation. The fellowship is open to graduates of any approved university, in Science, Engineering, or Agriculture, who will normally be proceeding towards a higher degree at McGill. Canadian applicants are preferred. The topic of research will be selected in consultation with the donors and with the Dean of the Faculty of Graduate Studies and Research, to whom application should be made not later than May 1st.

DIPLOMA COURSE

Fisher Trust Fund. In memory of the late Honourable Sydney A. Fisher, formerly Member of Parliament for Brome County and Minister of Agriculture, Canada, two agricultural scholarships of $75 a year each tenable at Macdonald College for two years are offered, for the Diploma Course in Agriculture, on the following conditions:—

1. The candidates must be sons of farmers in the County of Brome, co-operating in farm activities during the period of their college course.

2. The candidates must be at least sixteen years of age.

3. The candidates must have passed at least grade IX of the High School course.

4. These scholarships will be continued from term to term only upon favourable reports from the Dean of the Faculty of Agriculture.

Applications must be sent, on or before the 1st of October, to the Chairman of the Fisher Trustees, R. F. Cowan, Mansonville, Que.

Q.W.I. Bursary. The Quebec Women's Institute provides a bursary of $100 to the student entering the Second year of the Diploma Course, who:—

(1) Is a professional farmer's son, (or daughter) from the Province of Quebec.

(2) Has spent at least one season (seed time to harvest) in his father's employ on the farm.

(3) Intends to return to his father's farm for at least one year on completion of his course (or to manage his own farm).

(4) And who, if more than one candidate presents himself as fulfilling the above three requirements, takes the highest proficiency in agricultural subjects in the First year or, if he is the only candidate, obtains at least class II standing in these subjects.

If no student can qualify for the above, this bursary will be made available as an entrance bursary to the First year of the Diploma Course.

La Ferme Prize. Robert Raynauld, M.S.A., Editor of *La Ferme* magazine, offers a prize of $25 for competition among students of the Second year of the Diploma Course who come from farm homes and who intend to return to farming after graduation. The prize will be awarded to the eligible student who presents the best project.

Lieutenant-Governor's Medal. His Honour the Lieutenant-Governor of the Province of Quebec, gives annually a bronze medal, which is awarded to the student who takes the highest percentage in General Proficiency in the First year of the Diploma Course.

Minister of Agriculture's Medals. The Honourable the Minister of Agriculture of the Province of Quebec offers annually two bronze medals in connection with the Diploma Course, Second year Class, to be presented to the students ranking first in the Dairy Farming and in the Fruit Farming Groups respectively.

B.Sc. (H.Ec.) COURSE

Frederica Campbell Macfarlane Scholarship. A scholarship has been donated by the Quebec Women's Institute in memory of the late Frederica Campbell Macfarlane, graduate in Institution Administration, 1912, Superintendent of the Quebec Women's Institute from 1913 to 1919. This scholarship, valued at $100, is open only to students from a rural district of the Province of Quebec, and is awarded on the results of the final examinations in any one of the first three years of the B.Sc. (H.Ec.) Course.

Mrs. Alfred Watt Memorial Scholarship. A Scholarship has been established by the Quebec Women's Institutes as a memorial to a distinguished Canadian, Mrs. Alfred Watt, M.B.E., who introduced the idea of Women's Institutes in England and Wales and was President of the Associated Country Women of the World from 1930 to 1947. This scholarship, valued at $100 annually, is awarded to a student from rural Quebec in the Second, Third or Fourth year of the B.Sc. (H.Ec.) course who shows qualities of leadership and is worthy of financial encouragement to complete her course.

Macdonald College Bursaries. A limited number of bursaries are available for degree course students in Agriculture and Home Economics. These may be granted to students in any year of the course, but are intended primarily to assist deserving First year students who might not be able to attend college without this assistance. The value varies from $50 to $100 according to circumstances, and they are renewable from year to year provided application is made in good time and the recipient's academic record justifies renewal.

Bursary holders may be required to undertake a certain amount of work for the College in return for their bursaries. The maximum number of hours any bursary holder may be asked to give is three hours a week throughout the session, or one hour for each dollar of his bursary, whichever may be smaller.

Application for a bursary, and for renewal of a bursary, must be made to the Registrar, on forms provided, before September 1st each year.

I.O.D.E. Bursary. The Imperial Order Daughters of the Empire offers a bursary of $200 to a British student who has successfully completed the Second year of the B.Sc. (H.Ec.) course and has obtained satisfactory standing. The bursary is offered to aid a worthy student who is in need of financial assistance in order to complete her studies. It is payable in two equal instalments at the beginning of the Third and the Fourth years of the course. Other considerations being equal, preference will be given to a candidate from rural Quebec. Application must be made to the Registrar before October 1st, on forms supplied by the College.

Alumni Bursaries. Two bursaries of $200 each are offered by the Macdonald Branch of the McGill Graduates' Society. One will be awarded to a student entering the B.Sc.(Agr.) course, the B.Sc.(H.Ec.) course, or the B.Ed. course. One will be awarded a student entering the Second year of one of these courses. The winner of the entrance bursary will be considered along with other applicants for the Second year bursary.

Application must be made to the Registrar before September 1st, on forms provided.

Montreal Home Economics Association Bursary. The Montreal Home Economics Association offers a bursary of $150 to a deserving student in one of the senior years of the B.Sc. (H.Ec.) course. Applications must be made to the Registrar before October 1st.

Janet Morison Robb Bursary for Women. This bursary was established, by an endowment of $2,000, by the late Honourable James A. Robb, formerly Member of Parliament for Chateauguay-Huntingdon and Minister of Finance, Canada, in memory of his deceased daughter, Janet Morison Robb, wife of Hugh Harvie Donald. The annual bursary will be the income from the endowment for one year.

Preference will be given to women students resident in either of the counties of Chateauguay-Huntingdon, or Beauharnois, who are daughters of widowed mothers of limited or moderate means, or daughters of widowers in similar financial circumstances, or daughters of disabled Canadian soldiers who have seen active service.

Candidates for this bursary are requested to make written application, addressed to the Registrar, Macdonald College, Que., *on or before 15th April*, giving full particulars of the grounds upon which their applications are based, and to provide letters from two responsible persons in support of their claims.

Harrison Prize. A prize established by an endowment of $300 under the will of the late Dr. F. C. Harrison, Principal of Macdonald College from 1910 until 1926; awarded to the student of the B.Sc. (H.Ec.) course who graduates with the highest standing.

Class of 1953 Book Prize. Graduates of the class of 1953 (Agriculture and Household Science) have established a fund, the proceeds of which are used to provide a prize in books for the student with the highest standing in all the courses of the Second year curriculum. The prize will be awarded in the B.Sc.(Agr.) course in odd-numbered years; in the B.Sc.(H.Ec.) course in even-numbered years.

Home Economics Club Prize. The Home Economics Club of Macdonald College offers a prize of $25 to the student with the highest aggregate in Household Science subjects during the Second and Third years. The award will be made at the end of the Third year.

Lieutenant Governor's Silver Medal. Awarded to the student who ranks highest in the Third year of the B.Sc.(H.Ec.) course.

Lieutenant Governor's Bronze Medal. Awarded to the student who ranks highest in the Second year of the B.Sc.(H.Ec.) course.

UNIVERSITY SCHOLARSHIPS

Students at Macdonald College are eligible to apply for the following University scholarships and bursaries. Applications are to be sent to The Registrar, McGill University, Montreal 2, Que., before July 1st, unless otherwise stated.

Morris W. Wilson Memorial Scholarships. Established by contributions from a large number of intimate friends and business associates of the late Morris W. Wilson as a memorial to a distinguished citizen who, among his many public activities, rendered distinguished service to the cause of education, and who, at the time of his death, occupied the office of Chancellor of McGill University. The creation of the fund marks the culmination of a hope long cherished by Mr. Wilson, that of supplying the means whereby young Canadian boys and girls of outstanding ability and promise, but in poor financial circumstances, might obtain the benefits of a university education. It is hoped that this fund may be the means of assisting many deserving young Canadians, particularly those from rural areas, to become better equipped to perform the duties of citizenship and so more effectively to apply their abilities to the general development and welfare of the country.

These Scholarships are open on equal terms to men and women of Canadian parentage, now resident in Canada, and are open only to students who wish to enter the Faculty of Arts and Science, the Faculty of Engineering, or the degree course in Agriculture at Macdonald College. Each Scholarship covers the full tuition fee of the student, as well as the cost of board and residence at Douglas Hall, the Royal Victoria College, or Macdonald College, for the full period necessary to enable the student to obtain his degree. The holder will normally forfeit the Scholarship if, during his course, he fails to maintain academic standing satisfactory to the Selection Committee.

Canadian Pacific Railway Scholarships.—Scholarships covering five years' tuition in Chemical, Civil, Mechanical, or Electrical Engineering, or six years' tuition in the School of Architecture, or four years' tuition in the Arts courses of the Faculty of Arts and Science, or in the School of Commerce, or four years in the School of Household Science, Macdonald College, are awarded annually by the Canadian Pacific Railway Company. These are open for competition to apprentices and other employees of the Company under twenty-one years of age, as well as to minor sons and daughters of employees. The method of award is that of the University Entrance Scholarships described in the Scholarships Announcement, candidates being required to submit:

(a) their complete High School record,

(b) their marks or grades in any recognized examination,

(c) confidential letters from their school principals.

Forms of eligibility and full particulars as to the number of scholarships available, etc., may be obtained from Mr. G. A. Smyth, Superintendent of Pensions and Staff Registrar, Pension Department, C.P.R. Offices, Montreal. Applications, on forms obtainable from the Registrar's Office, accompanied by statements of eligibility from Mr. Smyth, must reach the Registrar's Office before 1st July.

Ottawa Valley Graduates' Society Bursary of the value of $100. This bursary is given through the Ottawa Valley Branch of the Graduates' Society. The winner is selected by the University from candidates who have written (1) The McGill School Certificate Examination or (2) The Quebec Catholic or Protestant High School Leaving Examination or (3) The Ontario Grade 12 Examination or (4) The McGill Senior School Certificate or (5) The Ontario Grade 13, or (6) The Quebec Catholic or Protestant Senior High School Leaving Examination.

Applications must reach the Registrar's Office, McGill University, before September 1st.

Isabella C. MacRae Scholarship. This scholarship of $150 is open to residents of Maxville, Ont., who have satisfied the requirements for entrance to McGill University. Should there be no successful applicants from this locality for six years, the scholarship will subsequently be open to any resident in Ontario.

Christie-Storer Scholarship. A scholarship of the value of $150, endowed by the above-named Chapter of the I.O.D.E. in memory of the men of St. Lambert who fell in the Great War, 1914-18, is awarded annually to the pupil residing in St. Lambert who stands highest in the June High School Leaving examination each year at the Chambly County High School.

B'nai B'rith Bursaries. Three bursaries of $100 each have been given by the Mount Royal Lodge of B'Nai B'rith. These bursaries are open to men and women students in any faculty. Need and scholarship will determine the award. Applications in writing must reach the Registrar's Office, McGill University, before the end of August.

B'nai B'rith Hillel Foundation Bursary. This Bursary of $200, established by the B'nai B'rith Hillel Foundation of McGill University, is awarded by the University Scholarships Committee to a deserving student, irrespective of race, colour, or creed, in any faculty, preference being given to a student returning from service in the armed forces.

Frederick Southam Ker Bursary. This bursary was established in 1941 by the late F. N. Southam in memory of his grandson, Frederick Southam Ker, who was killed in action on September 6th, 1940. This bursary of $175 is open on equal terms to men and women of all faculties without respect to religion or race. It is awarded to a student who gives promise of becoming a good citizen but is handicapped in his or her academic course by lack of funds. Financial need, character, and academic record are all taken into account in making the award.

St. Francis District Graduates' Society Bursary. This Bursary of $250 is restricted to residents of the area covered by the St. Francis District Branch of the Graduates' Society and is open to pupils of any high school or private school entering any faculty or school of McGill University, including Macdonald College. The Bursary may be renewed for a second year. An amount of $150 of the Bursary is to be repaid by the holder at the rate of a minimum of $50 per year after graduation. The award is made by the St. Francis District Branch of the Graduates' Society on the recommendation of the University Scholarships Committee. Application forms may be obtained from the Registrar's Office.

General Motors Scholarships. Three entrance scholarships at McGill University have been established by the General Motors Corporation of Canada and are open to outstanding young Canadian men and women entering the Faculty of Arts and Science, the Faculty of Engineering, or the degree courses in Agriculture or Household Science at Macdonald College. The scholarships are renewable annually until the holders obtain their first degrees provided they maintain a satisfactory academic standing. Should a holder withdraw or fail to maintain a satisfactory standing the scholarship may be awarded to another qualified candidate who is a member of the same class. The amount of each award is flexible and will range from an honorary award of $200 up to an award of $2,000 a year depending upon the demonstrated need of the individual. Applications must be submitted on or before the 1st of July.

Scholarship granted by the Graduates' Society of the District of Bedford. This scholarship of $140 is awarded each year to a student who has taken his or her High School classes (Grades IX, X, and XI) in one of the High Schools of the District of Bedford and who enters the University or Macdonald College to take any full-time degree course. The award, which may be divided between two students, is based on the results of the High School Leaving marks and is awarded by the District of Bedford Graduates' Society upon the recommendation of the University Scholarships Committee.

Khaki University and Y.M.C.A. Memorial Scholarship Fund. The interest on this fund is awarded in scholarships by the Scholarships Committee subject to the following conditions:

1. That the scholarships may be held by undergraduates only;
2. that preference be given to sons and daughters of soldiers:
   (a) who served in the war of 1914-18
   (b) who served in the war of 1939-45.

Leonard Foundation Scholarships. The Leonard Foundation created in 1916 by the late Colonel Reuben Wells Leonard and Mrs. Leonard offers each year a number of scholarships tenable at schools, colleges, and universities in Canada, approved by the Foundation.

The scholarships are open to men and women. A student to be eligible must be "a British subject, of the white race, of the Christian Religion in its Protestant form, and of the full age of fourteen years".

The amount of the award will vary with the need of the winner.

Sons and daughters of the following are given preference in the selection of scholars:

(a) Clergymen, (b) School Teachers, (c) Officers, Non-Commissioned Officers, and Men, whether active or retired, of His Majesty's naval, military, or air forces, (d) Graduates of the Royal Military College, (e) Members of the Engineering Institute of Canada, (f) Members of the Mining and Metallurgical Institute of Canada.

Men and women returning from active service are also given preference over the non-preferred class.

The University is willing to endorse and forward with its recommendation applications of any candidates who may wish to apply through the University and are approved by it.

Such candidates must make their applications on forms to be obtained from the Registrar's Office, McGill University, and must return these to the Registrar before January 1st.

Other University Awards. In addition to the foregoing, there are a number of scholarships and bursaries which are administered by the University Scholarships Committee and which are open to students in any Faculty or School. Information concerning these will be found in the announcement of Scholarships, Bursaries, Prizes and Medals, a copy of which may be obtained from the Registrar, McGill University, Montreal, P.Q.

Approximate Cost of Courses per Session

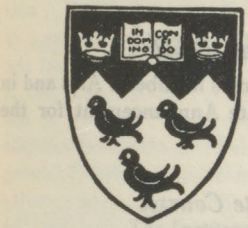
Course	Tuition	Board and Residence	Textbooks, supplies, etc. (estimate)	Total
B.Sc.(Agr.)	300.00	465.00	85.00	850.00(1)
B.Sc.(H.Ec.)	300.00	465.00	85.00	850.00
Diploma in Agriculture—				
Sons of farmers of Quebec, the Ottawa Valley in Ontario, the Maritime Provinces	35.00	320.00	30.00	385.00(2)
Others	250.00	320.00	30.00	600.00(2)
Agriculture Specialist Certificate	250.00	575.00	50.00	875.00

(1) Students who have lived in Quebec 2 years or more, deduct $105.00 for Quebec Government grant.
Students who have lived in Quebec less than 2 years, deduct $52.50 for Quebec Government grant.

(2) Students who have lived in Quebec 2 years or more, deduct $75.00 for Quebec Government grant.
Students who have lived in Quebec less than 2 years, deduct $37.50 for Quebec Government grant.

McGill University

Montreal





Institute of Education

School for Teachers
School of Physical Education
Division of Graduate Studies

1958-1959

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Postgraduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Institute of Education
Library School
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture and the School of Household Science.)
French Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instructions. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

Institute of Education

The Institute of Education is under the administrative jurisdiction of the Faculty of Arts and Science

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

David L. Thomson, B.Sc., M.A., Ph.D., LL.D., F.C.I.C., F.R.S.C. — *Vice-Principal*

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean of McGill College*

D. C. Munroe, M.A. — *Director*

C. E. Smith, B.Sc., M.A., D.Paed. — *Deputy Director*

C. W. Hall, M.A. — *Secretary of the Institute*

John H. Holton, B.Com. — *Secretary of the Board of Governors*

Colin M. McDougall, D.S.O., B.A. — *Registrar*

G. A. Grimson, B.Com. — *Comptroller*

MACDONALD COLLEGE

H. G. Dion, B.S.A., Ph.D. — *Vice-Principal*

R. L. Puxley — *Secretary, Macdonald College*

A. B. Walsh, B.Sc.(Agr.) — *Registrar*

THE INSTITUTE OF EDUCATION

Macdonald College, P.Q.

The Institute of Education, under the jurisdiction of the Faculty of Arts and Science, offers courses leading to the degrees of B.Ed., B.Ed.(P.E.), and M.A.(Education), and to the diplomas of the Protestant Department of Education, Quebec. The School for Teachers at Macdonald College and the School of Physical Education are administered within the Institute and it also conducts programs of graduate studies and research. The work of the Institute is carried on at Macdonald College and on the Montreal campus of the University and is under the general supervision of the Teacher Training Committee, a statutory body established in 1907. This committee consists of the Director of Protestant Education, four persons appointed by the Protestant Committee of the Council of Education, the Principal of McGill University, who is ex-officio chairman, and two other persons appointed by the Governors of McGill University. The present members are:

The Principal, *Chairman*
The Director of Protestant Education
L. N. Buzzell, B.Com., C.A.
T. M. Dick, M.A.
J. A. de Lalanne, C.B.E., M.C., B.Com., C.A.
J. P. Rowat, B.C.L., N.P.
Dean H. G. Dion
Dean H. N. Fieldhouse
The Director, Institute of Education

STAFF

PHYLLIS BOWERS, B.A., *Assistant Professor of Education*

FRANCES E. CROOK, M.A., M.Sc., Ed.D., *Assistant Professor of Education*

ALEXANDER B. CURRIE, B.Com., M.A., M.Educ., Ph.D., *Associate Professor of Education*

RUTH M. DUNCAN B.A., B.Sc.(P.Ed.) *Assistant Professor of Education*

C. WAYNE HALL, M.A., *Professor of Education, Chairman of the Division of Instruction, Secretary*

FRANK K. HANSON, Mus.D., *Professor of Education, Chairman of the Division of General Education*

S. C. M. HAWKINS, D. de l'Univ. de Paris, M.A., *Associate Professor of Education*

ARTHUR M. HENRY, M.A., *Associate Professor of Education, Chairman of the Division of Practice Teaching*

A. ELIZABETH JAQUES, *Assistant Professor of Education*

H. D. MORRISON B.A., *Lecturer in Education*

DAVID C. MUNROE, M.A., *Professor of Education, Chairman of the Division of Foundations of Education, Director*

DOROTHY M. NICHOL, B.Sc.(P.Ed.), *Lecturer in Education*

CLARENCE E. SMITH, B.Sc., M.A., Ph.D., *Macdonald Professor of Education, Chairman of the Division of Graduate Studies, Deputy Director*

MURIEL TOMKINS, M.A., *Lecturer in Education*

ROBERT E. WILKINSON, M.A., B.Sc., *Assistant Professor of Education*

MILES WISENTHAL, M.A., *Lecturer in Education*

WINONA WOOD, B.A., B.Ed., M.A., *Assistant Professor of Education, Chairman of the Division of Physical Education*

JOHN E. M. YOUNG, B.A., M.Ed., Ph.D., *Associate Professor of Education*

VISITING STAFF

ERIC O. CALLEN, B.Sc., Ph.D. (Edin), F.L.S., *Assistant Professor of Plant Pathology*

FRANCIS A. C. DOXSEE, B.A. (Oxon), *Lecturer in Scripture*

GERALD O. HENNEBERRY, B.Sc. (Dal), M.Sc., *Lecturer in Agricultural Chemistry*

THEO L. HILLS, M.A. (N.Z.), *Assistant Professor of Geography*

JOHN W. KERR, B.A., *Lecturer in Scripture*

WILLIAM ROWLES, B.Sc. (Sask), M.Sc., Ph.D., *Professor of Agricultural Physics*

PEREZ ZAGORIN A.B. (Chicago), M.A., Ph.D. (Harvard), *Assistant Professor of History*

DEMONSTRATION STAFF (Macdonald High School)

Maisie McRae (Mrs. Wm.)
Joan Hanna (Mrs. R. L.)
Nita Haughton (Mrs. J.)
E. G. Knight, B.A.
Marjorie Pope
Graeme Smith, B.A.
Franga Stinson

COUNCIL OF THE INSTITUTE

D. C. Munroe, *Chairman*
Dean Fieldhouse
C. W. Hall
F. K. Hanson
A. M. Henry
C. E. Smith
Winona Wood

B.Ed. ADVISORY COMMITTEE

D. C. Munroe, *Chairman*
Dean Fieldhouse
C. C. Bayley
C. W. Hall
F. K. Hanson
W. H. Hatcher
A. M. Henry
J. E. Launay
P. F. McCullagh
F. C. McIntosh
C. E. Smith
C. D. Solin
Herbert Tate
R. H. Walker
Winona Wood

HISTORICAL INFORMATION

The McGill Normal School was founded in 1857 under an agreement between the Government of the Province of Quebec and McGill University. In 1907, following a further agreement subsequently confirmed by an Act of the Legislature (7 Edward VII, Chapter 26), the School was moved to Ste. Anne de Bellevue where, as the School for Teachers, it became part of Macdonald College. Since that time it has operated as a school of the University under the jurisdiction and control of the Protestant Committee of the Council of Education and of the University.

At the time the School was moved from Montreal, the Macdonald Chair of Education was endowed in McGill College and a department was established for the preparation of candidates for the High School Diploma. In 1930 the Department inaugurated a course leading to the M.A. (Education). The administration of the School for Teachers and the Department was combined in 1954.

The McGill School of Physical Education began as a summer school in 1912 and a full year course was offered in 1916. In 1933 the curriculum was reorganized and a three year diploma course was offered and this was altered in 1945 to provide instruction for a specialized degree.

The Institute of Education was established in 1955 within the Faculty of Arts and Science. The work of the Institute is conducted partly in Montreal, partly at Macdonald College, and in a summer session conducted in cooperation with the Department of Education, Quebec.

COURSES OFFERED

COURSES	ENTRANCE REQUIREMENT	LENGTH OF COURSE
Faculty of Arts and Science		
B.Ed.	Arts or Science Junior Matriculation	4 years
B.Ed.(P.E.)	as for B.Ed.	as for B.Ed.
Central Board of Examiners (Quebec)		
First Class Diploma	University degree and prerequisites	1 year
Second Class Diploma	Senior High School Leaving	1 year
	or	
	Junior High School Leaving	2 years
Third Class	Junior High School Leaving	1 year
Special Certificate in Physical Education	Junior High School Leaving	2 years
	(with B.Ed. (P.E.))	4 years
Special Certificate in Early Childhood Education	Senior High School Leaving	1 year
	(with 2nd Class Diploma)	2 years
	(with B.Ed.)	4 years

Faculty of Graduate Studies and Research

M.A. (Education)	University degree of satisfactory standing and teaching diploma	2 summer and 1 winter sessions
Diploma in School Supervision	as for M.A.	as for M.A.

DESCRIPTION OF COURSES

Graduate Courses—M.A. (Education) and Diploma in School Supervision

These courses are intended to encourage teachers who have completed the basic academic and professional training to proceed with further graduate studies. The program is planned in three stages—two of which are given in five-week summer sessions with daily seminars. During the intervening winter session weekly seminars are held in each of four areas of concentration and the student may register either full or part time. A thesis is required for the degree of M.A. Summer sessions are given at Macdonald College, Winter sessions at McGill.

Undergraduate Courses—B.Ed. and B.Ed.(P.E.)

These courses are intended for students who wish to combine the academic courses required for the other degrees in the Faculty of Arts and Science with professional training leading to the diplomas issued by the Central Board of Examiners (Quebec).

The academic curriculum is as follows:

First year—B.Ed.—English 116; History 100; Latin 100 or Mathematics 100.

First year—B.Ed.(P.E.)—English 116, History 100; Biology 100 or Mathematics 100.

Second year—B.Ed.—English 225; French 100 and two options from Botany 100; Chemistry 100; Fine Arts 100; History 200; Geography 211; Mathematics 200; Music 100; Physics 100.

Second year—B.Ed.(P.E.)—English 225, Physiology and two options from those for the B.Ed. including French 100.

Third year—B.Ed. and B.Ed.(P.E.)—Two continuation subjects selected from First and Second year and one optional subject.

Fourth year—B.Ed. and B.Ed.(P.E.)—The two Third year continuation subjects and one optional subject.

The professional program, both in pedagogical studies and practice, is considerably more extensive than that in the regular diploma courses. Two years of the courses are given at Macdonald College, the third and fourth years at McGill.

The course in physical education follows closely the curriculum of the B.Ed. and other degrees in the Faculty. The professional emphasis is given through special courses in physical education and school practice. Students are also given instruction in methods of teaching general subjects.

First Class Diploma Course

Graduate students, holding degrees from approved universities and with credit in the prerequisite subjects, may prepare for general and specialist teaching in the course leading to the First Class Diploma of the Central Board of Examiners (Quebec). The course is arranged in three stages, the First Term being devoted to general teaching in the upper elementary school. In the Second Term, the student is expected to choose an area of concentration—Early Childhood, Primary, Elementary, Junior High School. During the last weeks of the Session students are encouraged to devote special attention to the area or the subjects of their choice and those choosing the latter may select from the following grouping: English and History, Languages, Mathematics and Science, Physical or Biological Science. Eight weeks of the course are devoted to practice teaching and weekly periods are spent in the demonstration classrooms of Macdonald High School.

The requirements for admission to the course are an acceptable honours degree from an approved university, or a general degree which includes the following courses:

(1) First year courses in English and *four* of the following subjects—French, Geography, History, Mathematics, Latin, Biology, Botany, Chemistry, Physics, Zoology, another acceptable ancient or modern language.

(2) continuation courses in at least two of the First year subjects listed above.

Candidates for Quebec diplomas are required to be Canadian citizens and to be free from physical defects likely to interfere with their duties as teachers. The course is given at Macdonald College.

Second and Third Class Certificate Courses

Two courses are offered for the Second Class diploma; a one-year course for candidates holding the Senior High School Leaving certificate, and a two-year course for those wishing to combine the academic subjects of the first year in the university with extended professional training.

A two-year diploma course is offered for students wishing to develop special qualifications in physical education. The same academic requirements as those in the course leading to the B.Ed.(P.E.) are combined with training in general and physical education.

The course leading to the Third Class diploma is offered for students with the Junior High School Leaving Certificate with a pass in ten papers. The course is mainly professional, but academic and tutorial courses are required in English and certain other subjects.

The Special Certificate in Early Childhood Education course is intended for students who wish to qualify for work with young children. Special personal qualities and interests are expected of the candidates. The curriculum includes studies in the theory and history of kindergarten and extended practice in the demonstration kindergarten at Macdonald High School.

These courses are given at Macdonald College.

ADMISSION REQUIREMENTS AND PROCEDURE

The requirements for Junior Matriculation are as follows:

(a) The candidate must pass in each of the following papers in the University's Junior School Certificate and receive an average of at least 65% on the examination as a whole:

No. of Papers	Subject
2	English
1	General History
2	Latin or Greek
2	French; Latin; German; Spanish
2	Elementary Algebra and Elementary Geometry
1	*One* of the following optional papers: Biology, Botany, Chemistry, Drawing, Geography, Canadian or British History, Physics, Music, Intermediate Algebra, Trigonometry, *or* a foreign language not already chosen

OR

(b) The candidate must pass the following papers in the University's Junior School Certificate Examination and normally obtain at least 70% on the examination as a whole:

No. of Papers	Subject
2	English
1	General History

2	French *or* German (both papers of either language)
1	Elementary Algebra
1	Elementary Geometry
1	*One* of the following: Biology, Botany, Chemistry, Physics
2	*Options:* Either Latin *or* Spanish *or* French *or* German if not already chosen *or* any *two* of the following papers not already chosen: Intermediate Algebra, Trigonometry, Biology *or* Botany, Chemistry, Geography, Physics, Canadian or British History, Music *or* Drawing

Note: Candidates for entrance to the course leading to the degree of B.Ed. who present the Quebec High School Leaving Certificate as an alternative for McGill Matriculation may include the following among the optional papers in either (a) or (b): Agriculture, Home Economics, and North American Literature. Candidates for admission are also required to meet the Admissions Committee of the School for Teachers before their applications are approved. These interviews will be arranged during the first week of the session.

Requests for information and application forms should be addressed to:

The Director
Institute of Education
Macdonald College, P.Que.

Candidates for Quebec diplomas must make application to the Central Board of Examiners, Quebec. The necessary forms may be obtained through the Institute of Education and, when completed, should be addressed to:

The Secretary
Central Board of Examiners
Department of Education
Parliament Buildings
QUEBEC

All applications are to be submitted before June 30th each year.

FEES

The University reserves the right to make changes without notice in its published scale of tuition, board and room and other fees. Fees are not refundable except under special conditions.

1. TUITION FEES.

These fees include all the regular charges for registration, laboratories, libraries, Health Service, student activities.

M.A.(Education)..... $500

Diploma in School Supervision	$275
B.Ed. and B.Ed.(P.E.) 1st year	225
2nd year	225
3rd year	550
4th year	550
Diploma Courses	225

2. SPECIAL FEES AND PENALTIES.

Student Teachers' Society (all students)	$ 1
Late registration (unless excused by the Director)	5
Late payment (after specified date)	2
Conferring degree or presentation of diploma in absentia	10
Duplicate diploma	10
Transcript of record	1
Supplemental examination, per paper	2

3. STUDENT ACTIVITY FEE—Macdonald College

There are various student activities, such as the athletic associations, literary and debating societies, publications, class societies etc., which the students are expected to support. The affairs of these organizations are in the hands of the students themselves and their operations are financed from a student activity fee of $16.00 *which is included in the tuition fee.* The distribution of this fee is as follows: Students' Council $1.50; recreation centre $1.00; accident insurance $2.50; student organizations $11.00.

4. BOARD AND RESIDENCE (per session, exclusive of Christmas vacation).

Macdonald College	$575
Macdonald College non-resident charge for luncheon (optional), per term	35
McGill University residences (Douglas and Wilson Halls)	685
(Royal Victoria College)	730

DIVISIONS OF THE INSTITUTE:

DIVISION 1: General Education
DIVISION 2: Foundations of Education
DIVISION 3: Methods of Instruction
DIVISION 4: Practice Teaching
DIVISION 5: Graduate Studies and Research
DIVISION 6: Physical Education

COURSES OF LECTURES:

(3) Third Class
(2) Second Class
(1) First Class
(F) Freshman two-year course
(S) Sophomore, two-year course

DIVISION I: GENERAL EDUCATION

Professors — Frank K. Hanson, *Chairman*; C. Wayne Hall; David C. Munroe; William Rowles (*Agriculture*)

Associate Professors — Eric O. Callen (Agriculture); S. C. M. Hawkins; Arthur M. Henry; Paul F. McCullagh (*Arts and Science*); Frank O. Morrison (*Agriculture*)

Assistant Professors — Ruth Duncan; T. Hills (*Arts and Science*); H. Morrison; P. Zagorin (*Arts and Science*)

Lecturers — F. A. C. Doxsee; G. O. Henneberry (*Agriculture*); A. Elizabeth Jacques; Kelsey Jones (*Faculty of Music*); J. W. Kerr; Dorothy Nichol

BIOLOGY

100. Botany: Introductory Botany 2 lects., 2 labs. a week. (F, 2B, 2D)
Zoology: General Zoology 2 lects., 2 labs. a week. (F, 2B, 2D)

CHEMISTRY

110. Inorganic Chemistry 3 lects., 2 labs. a week (2B, 2D) *Mr. Henneberry*

ENGLISH COMPOSITION

100c. Instruction and practice in English usage, oral and written composition, voice recording, and choral speaking. (3, 3K, F, 2S, 1G)
1 hour a week. *Mr. Morrison*

114. 1 lect., 1 lab. a week. (2B, 2D)

ENGLISH LITERATURE

1. Reading and discussion of a wide variety of selections with the intention of extending comprehension, deepening appreciation, and revealing the scope and significance of literature. (3, K)
2 hours a week. *Mr. Morrison*

116. English Literature. A study of forms in literature from Anglo-Saxon times to about 1880. (F)
2 hours a week.

MODERN LITERATURE

225. Readings and discussions of work of British, Canadian and American writers from 1880 to the present. (2B, 2D, 2S)
2 hours a week. *Professor Hall*

FINE ARTS

100. The aim of this course is the development of an awareness of art forms through the stimulation of a sense of design, a sense of the graphic and plastic. The course will include sketching and painting, as well as experience with other media, art criticism, and the study of design as exemplified in interior decoration, pottery and furniture and textiles.
Three hours a week. *Professor Jaques*

FRENCH

100. French is used exclusively by lecturer and students in this course.

(a) *Travail oral:* The aim of this section of the course is to increase fluency, accuracy, and precision in speaking French. Assignments vary according to the interests and capabilities of the students.

(b) *Explication de textes:* A study, gauged to the achievement level of the students, of a novel of French Canada. The primary object is to master the story and to appreciate the atmosphere of French Canada as portrayed in the novel. Subsequently a detailed analysis is undertaken.

(c) *Cours de civilisation:* A survey course of French history; biographical and literary aspects are stressed. (2B, 2D)

3 hours a week. *Professor Hawkins*

GEOGRAPHY

211. The elements of physical geography. Scientific study of man's habitat:

(a) The origin and world distribution of landforms developed under different climates. Major earth resources: water, soils, and minerals.

(b) Climate and weather; physical processes and properties of atmosphere. The principal climatic belts of the world. Significance of climate as a factor influencing human settlement. (2B, 2D)

3 hours a week. *Professor Hills* (*Faculty of Arts and Science*)

HISTORY

100. European Civilization in Medieval and Modern Periods. (F)

3 hours a week. *Professor Zagorin* (*Faculty of Arts and Science*)

200. Mediaeval Life and Institutions. (2B, 2D)

Professor Bayley (*Faculty of Arts and Science*)

LATIN

100. *Texts:* Petrie, Latin Reader; Bonnie and Niddrie, Latin Prose Composition. (F)

3 hours a week. *Professor McCullagh* (*Faculty of Arts and Science*)

200. *Texts:* To be announced. (2B, 2D)

3 hours a week. *Professor McCullagh*

MATHEMATICS

111a. Plane Trigonometry. (F)

112b. Algebra. (F)

3 hours a week. *Professor Henry*

220. Calculus. (2B, 2D) *Professor Rowles*

MODERN WESTERN CIVILIZATION

An integrated course outlining parallel patterns of development in history, music, literature, and the fine arts; geographical settings and influences in Europe and America, 1789-1958. (3, 3K, 2S)

3 hours a week. *The Staff*

MUSIC

100. *Prerequisite:* Rudiments of Music (Junior Grade, McGill or equivalent standing, or entrance examination).

(*a*) *History.* A survey of the development of musical styles, composers, and works for the period 1600-1900.

(*b*) *Form and Analysis.* Elementary principles of form. 17th and 18th century forms. Analysis of short piano works.

(*c*) *Harmony.* Transposition; key and time; harmonic analysis; melody harmonization (root and first inversion triads; dominant 7th in root form; cadential six-fours); dominant 7ths in all positions.

(*d*) *Aural training.* Intervals and chords; dictation in simple time; simple modulation; melodic analysis; sight reading. (2B, 2D)

3 hours a week. *Mr. Jones (Faculty of Music)*

PHYSICS

112. General Physics.
3 lects., 1 lab. a week. (2B, 2D) *Professor Rowles*

PHYSIOLOGY

201. The Physiology of man.
3 hours a week.

TEACHING PREREQUISITES

Terminal courses which offer training in skills and enrichment of background necessary for teaching purposes. One hour weekly for each course. (3, 3K, F, 2S, 1G)

Arithmetic 1	*Professor Crook*
Art 1	*Professor Jaques*
French 1	*Professor Hawkins and Miss Duncan*
Music 1	*Professor Hanson and Miss Duncan*
Physical Education and Health 1	*Miss Nichol*
Scripture 1	*Mr. Doxee and Mr. Kerr*

TUTORIALS AND ENTRANCE TESTS

Students whose standing is unsatisfactory in any subject will be required to attend tutorial classes. It is recommended that all students prepare themselves for entrance tests which are conducted the first week of the session. The limits of the tests are as follows:

English: Parts of speech, case, sentence construction, clauses and phrases.

French (written): Translation (English to French) involving commonly used tenses; regular, "family", and irregular verbs; simple grammatical constructions and idioms. *Limits*—Grade XI (the greater part of the material on the level of Grades VIII and IX).

Music (written): Lines and spaces, note values, rests, simple and compound time accents, major keys up to four sharps and flats, knowledge of piano keyboard, tonic sol-fa equivalents for major scale.

Mathematics: Addition, subtraction, multiplication, and division of whole numbers and simple fractions; solution of simple problems involving the foregoing computations. *Limits*: Grade VIII. *Text:* Buswell, Brownell and John, Living Arithmetic (Ginn).

DIVISION II: FOUNDATIONS OF EDUCATION

Professors	D. C. MUNROE, *Chairman* C. E. SMITH
Associate Professors	A. B. CURRIE J. E. M. YOUNG
Assistant Professor	FRANCES E. CROOK
Lecturers	MURIEL TOMKINS MILES WISENTHAL

EDUCATION 1—**Child Growth in School**

A study of the general characteristics of physical, social, and emotional development in children.

Elementary educational and child psychology. Testing and measurement. Mental health and education guidance. (3)

2 hours a week. *Professor Young*

EDUCATION 2—**History of Education**

A brief survey of the development of education in Europe and America. (3)

1 hour a week *Professor Munroe*

EDUCATION 100—**Educational Psychology**

A study of the general characteristics of physical, social, and emotional development in children. Elementary educational and child psychology.

Growth and development of children through adolescence. Psychology of learning. Individual differences. Growth and development of personality. Testing and measurement. Mental hygiene and educational guidance. (F, 2)

2 hours a week. *Professor Crook*

EDUCATION 200—**The History of Education in Western Society**

The history of education in Europe and America including a comparative study of the systems of public education in the countries of western Europe, in the United States, and in Canada. (S)

3 hours a week. *Professors Munroe and Currie*

(*Offered also at McGill by Professor Smith*)

EDUCATION 301—**Introduction to Teaching**

(*Offered at McGill by Professor Young*)

CURRICULUM

Bacheor of Education and Bachelor of Education (Physical Education)

YEAR I	YEAR II	YEAR III	YEAR IV
Division 1—General Education			
English, History Maths. or Latin (B.Ed.) Maths. or Biology B.Ed. (P.E.)	English French and 2 options (B.Ed.) 3 options B.Ed. (P.E.)	2 continuation subjects 1 option	2 continuation subjects 1 option
Division 2—Foundations of Education			
Ed. 100 Educational Psychology	Ed. 200 History of Education	Psychology 21 or 34	Ed. 400 Philosophy of Education
Division 3—Methods of Instruction			
Ed. 111 (a. b. c. d) Special Subject Methods Ed. 112 General Teaching Methods	Ed. 210 Individual Child Studies	Ed. 310 Educational Measurement	Ed. 410 Curriculum Development
Division 4—Practice Teaching			
Ed. 120 Practice Teaching	Ed. 220 Rural School Practice	Ed. 320 Diagnostic and Remedial Procedures	Ed. 420 Internship
Division 6—Physical Education (B.Ed. P.E. only)*			
Ed. 115 Elementary Program Ed. 125 Physical Education Practice	Ed. 215 Junior H. S. Program Ed. 225 Junior H. S. Teaching	Ed. 315 Senior H. S. Program Ed. 325 Senior H. S. Teaching	Ed. 415 Community Programs Ed. 425 Internship

The courses offered in Division VI replace the courses in Division III and IV with the exception of Education 111 and Education 112.

*For statement concerning B.Ed.(P.E.) program, see page 4824.

FIRST CLASS DIPLOMA (Post graduate)	SECOND CLASS DIPLOMA (One Year)	THIRD CLASS DIPLOMA (Including Kindergarten)
Division 1—General Education	**Division 1—General Education**	**Division 1—General Education**
English 500 Teaching Prerequisites	English 225 Modern Literature Modern Western Civilization Teaching Prerequisites	English 1 English Literature Modern Western Civilization Teaching Prerequisites
Division 2—Foundations of Education	**Division 2—Foundations of Education**	**Division 2—Foundations of Education**
Ed. 500 Development of Educational Institutions Ed. 501 Educational Psychology	Ed. 100 Educational Psychology Ed. 200 History of Education	Ed. 1 Child Development Ed. 2 History of Education
Division 3—Methods of Instruction	**Division 3—Methods of Instruction**	**Division 3—Methods of Instruction**
Ed. 510 Advanced Teaching Methods Ed. 511 Special Subject Methods	Ed. 111 Special Subject Methods Ed. 112 General Teaching Methods	Ed. 111 Special Subject Methods Ed. 110 General Classroom Practice Ed. 11 Kindergarten Theory and Practice (K)
Division 4—Practice Teaching	**Division 4—Practice Teaching**	**Division 4—Practice Teaching**
Ed. 520 Advanced Practice Teaching	Ed. 120 Practice Teaching	Ed. 120 Practice Teaching

Second Class Diploma (Two-year) as B.Ed. 1st and 2nd year. Options include Biology or Latin or Mathematics.

Second Class Diploma and McGill Diploma in Physical Education—as 1st and 2nd year B.Ed. (P.E.).

Students wishing to specialize in EARLY CHILDHOOD EDUCATION may combine Kindergarten Certificate with 1, 2 or 4-year courses.

EDUCATION 400—**Philosophical Foundations of Education**

An examination of significant philosophical ideas which have influenced Western education.

3 hours a week. *Professor Smith*

EDUCATION 500G—**The Development of Educational Institutions**

A study of educational development and institutions in various countries, with special emphasis on the evolution of modern practices. (1G)

2 hours a week, winter and spring terms.

Professors Munroe and Currie

EDUCATION 501G—**Educational Psychology**

A study of the general characteristics of physical, social, emotional and intellectual development, the psychology of learning and the growth and development of personality, with special emphasis on the problems of adolescence. (1G)

2 hours a week. *Professor Young*

DIVISION III: METHODS OF INSTRUCTION

Professor	C. W. HALL, *Chairman*
English	C. W. HALL
	PHYLLIS BOWERS
	MURIEL TOMKINS
French	S. C. M. HAWKINS
Health and Recreation	DOROTHY NICHOL
Mathematics	FRANCES CROOK
Music	F. K. HANSON
Art	A. ELIZABETH JAQUES
Social Studies	A. B. CURRIE
	H. D. MORRISON
Science	A. M. HENRY
Education 210	J. E. M. YOUNG
Education 310	C. E. SMITH
Education 410	A. B. CURRIE

EDUCATION 11

The origin and development of Kindergarten and Nursery School Programmes.

2 hours a week (3K) *Professor Bowers*

EDUCATION 111—**Subject Methods**

(a) French. (3, F, 2S, 1G)

1 hour a week, first term. *Professor Hawkins*

(b) Health and Physical Education. (3, F, 2S, 1G)

1 hour a week, first term. *Miss Nichol*

(c) Music. (3, F, 2S, 1G)

1 hour a week, first term. *Professor Hanson*

(d) Art. (3, FB, FD, 2S, 1G)

1 hour a week, first term. *Miss Jaques*

EDUCATION 112—**Classroom Methods and Management**

Curriculum development, lesson planning and general methods of instruction in basic subjects; classroom observation; school law.

5 hours a week. (3, F, 2S) *The Staff*

EDUCATION 210—**The Child at School**

A study of the special problems of organization, instruction, motivation, discipline, and extra-curricular activities at representative grade levels in the elementary school, based on observation and the development of anecdotal records and case histories.

3 hours a week (1 lecture, 1 two-hour laboratory period).

(2B, SD, 2PB, 2P) *Professor Young*

EDUCATION 310—**Educational Testing and Measurement**

The preparation and use of objective tests by the classroom teacher. Interpretation of test results and their use in improving instruction.

3 hours a week. (JB) *Professor Smith*

EDUCATION 410—**Special Curriculum Programmes**

3 hours a week. (1B) *Professor Currie*

EDUCATION 411—**General Instructional Practice** (For students in Music, and in the Teaching Option, B.Sc.(H.Ec.) course).

EDUCATION 510G—**General School Practice**

Curriculum organization, lesson planning, teaching methods and media, classroom observation; school law and administration. (1G)

5 hours a week. *Professor Hall*

DIVISION IV: THE PRACTICE OF TEACHING

Associate Professor ARTHUR M. HENRY, *Chairman*

All members of the staff assist in the supervision of practice teaching.

EDUCATION 120—**Observation and Classroom Practice**

First year students

(a) Observation in suburban and rural schools (September).

(b) Observation and practice in schools of the Protestant School Board of Greater Montreal (January).

(c) Practice in schools of the Protestant School Board of Greater Montreal. (April).

EDUCATION 220—**Practice in School and Community Programs**

(a) Observation and practice in selected rural schools (September).

(b) Advanced practice in suburban schools (May).

EDUCATION 320—**Testing and Remedial Teaching**

Individual and group testing and remedial teaching with Demonstration Staff.

EDUCATION 420—**Internship**

General school practice under selected principals and teachers in September and May.

EDUCATION 520—**Graduate Practice Teaching**

Eight weeks in suburban and city schools.

DIVISION V: GRADUATE STUDIES AND RESEARCH

Professors C. E. SMITH, *Chairman*
C. WAYNE HALL
F. K. HANSON
D. C. MUNROE

Assistant Professor FRANCES E. CROOK

Lecturer MILES WISENTHAL

ENTRANCE REQUIREMENTS

(1) Honour Standing in the course leading to the B.Ed. Degree or Honour Standing in at least one continuation subject leading to the B.A. or B.Sc. degree in a university of recognized standing, the continuation

subject to be chosen from the following: English, French, History, Geography, Mathematics, Latin, Physics, Chemistry, Botany-Zoology.

(2) Honour Standing in the course leading to the High School Diploma.

Candidates whose undergraduate studies do not meet these requirements may be admitted to a qualifying year and, if a sufficient number of such candidates apply, the necessary courses may be offered in a preliminary Summer Session.

COURSE REQUIREMENTS

First Summer

Seminar A: *Studies in Educational Thought:* an intensive study of the educational writings of representative philosophers.

Seminar B: *Methods of Educational Research:* a study of the methods used in educational research, including bibliography and statistics.

Winter Session

The candidate will select *one* of the four areas of concentration and proceed to the preparation of a thesis under the supervision of a Director of Research with whom a weekly seminar will be held.

Areas of Concentration:

Methods of Teaching Special Subjects
History and Philosophy of Education
Educational Psychology and Sociology
Educational Administration

Second Summer

Seminar C: *Educational Sociology:* an examination of public education in relation to community, family, culture, social process and social control.

Seminar D: *Modern Educational Practice:* a comparative study of school organization and classroom methods arising from modern theories of education.

McGILL CERTIFICATE IN SCHOOL SUPERVISION

The McGill Certificate in School Supervision is offered for graduates of a recognized university who wish to qualify for administrative

or supervisory positions as principals, inspectors, subject supervisors, or county supervisors. Candidates for the Certificate are required to attend two summer sessions and to participate in seminars and directed study during the intervening winter session. For details, apply to the Director of Summer School, Macdonald College, Quebec.

Course:

Summer Session, 1958: Seminars A and B as described above.

Winter Session, 1958-59: Monthly seminars based on case studies in administration.

Summer Session, 1959: Seminars C and D as described above.

DIVISION VI: PHYSICAL EDUCATION

Assistant Professors WINONA WOOD, *Chairman*
ROBERT E. WILKINSON
RUTH M. DUNCAN

Lecturer DOROTHY M. NICHOL

EDUCATION 115—**Physical Education in the Elementary School**

This course deals with the methods and skills necessary for teaching physical education in the elementary school, including suitable gymnasium and outdoor activities based on fundamental principles of movement.

EDUCATION 125—**Observation, Class-Room and Gymnasium Practice**

Similar to 120 until March period, when duties will be partly in class-room and partly in gymnasium.

EDUCATION 215—**Physical Education in the Junior High School**

This course deals with methods and skills necessary for teaching physical education in junior high school, including rhythms, aquatics, individual and team games and gymnastics.

EDUCATION 225—**Advanced School Practice**

Classroom and specialized practice in September and May at the junior high school level.

EDUCATION 315—**Physical Education in the Secondary School**

This course deals with methods and skills necessary for teaching physical education in the secondary school, including team and individual games, gymnastics, dance, and testing and measurement.

EDUCATION 325—**Observation and Remedial Practice**

In classroom and gymnasium at the senior high school level.

EDUCATION 415—**School and Community Programs**

This course deals with the problems of organizing school and community

programs, including intra-mural and inter-scholastic athletics, community recreation, aquatics, camping, school and community health.

EDUCATION 425—**Internship in general and specialized teaching.**

SPECIAL REQUIREMENTS OF DIVISION VI

All students—*Red Cross Swimming Instructors' Course*

This course is required of all students before completion of Second year.

All Women students—*Basketball Referee Course.*

This course is required of all women students before completion of Second year.

Degree Students only:

**Camping Course*—August 31 to September 6 at beginning of Second or Third year, in the Laurentian Mountains.

**Ski School*—A week of instruction in January of the Third year, in the Laurentian Mountains.

*The cost of the Camp Course and Ski School is not included in the tuition fee. This will be approximately $15.00 for Camp Course and $25.00 for Ski School.

Outdoor School—A three-week period in May at the end of the Third year, including intensive instruction in outdoor activities.

Field Work—After completion of the Second year, students in the B.Ed. (P.E.) course are required to devote a minimum of four weeks to field work during the summer. This field work must be approved by the Chairman of Division VI.

COSTUME AND EQUIPMENT

Regulation costumes must be worn in all physical education classes.

For men these will include sweat suit, shorts, T shirts, teaching greys. The cost will be approximately $40.00 payable at the beginning of the First year.

For women these will include T shirts, shorts, tunic and cotton blouses. The cost will be approximately $25.00 payable at the beginning of the First year.

All students are required to wear white gym footwear. Students are also responsible for providing their own sports equipment including ski equipment, skates, hockey sticks, tennis racquets, etc.

THE STUDENT TEACHING COMMITTEE

D. E. Pope, *Protestant School Board of Greater Montreal*
Professor D. C. Munroe, *Institute of Education* } *Co-chairmen*
Professor Phyllis Bowers, *Institute of Education, Secretary*
Miss Rosalie Briggs, *Protestant School Board of Greater Montreal*
Mr. M. Davies, *Headmaster, Macdonald High School*
Professor A. M. Henry, *Institute of Education*
Mr. R. Japp, *Protestant School Board of Greater Montreal*
Mr. W. Kydd, *Principal, Maisonneuve School*
Miss Winona Wood, *Institute of Education*
Mrs. J. R. Martin, *Protestant School Board of Greater Montreal*
Mrs. Florence Morris, *Assisting Teacher, Summerlea School*
Professor Helen Neilson, *Director, School of Household Science*
Dr. C. E. Smith, *Institute of Education*
Miss Margaret Steele, *Assisting Teacher, Sinclair Laird School*
Mr. R. Steeves, *Protestant School Board of Greater Montreal*

ASSISTING TEACHERS, DIVISION OF PRACTICE TEACHING

Ahuntsic	Mrs. H. Schlutz; Mrs. G. Major; Miss A. Spada; Mrs. K. G. Bell; Mrs. S. M. Harris
Alfred Joyce	Mrs. M. Hallas-Daoussis; Mrs. M. B. Tabrett; Mrs. B. Fefferman
Algonquin	Miss A. N. Tjelios; Miss E. B. Critchley; Mrs. J. A. D. Johnson; Mrs. M. M. Macdonald; Miss J. M. Ross-Smith; Mrs. E. J. Kyle; Mrs. L. A. Bedee; Miss E. R. Doane; Miss M. Brock
Bancroft	Miss E. Wadman; Miss F. Lubin; Mrs. J. Goldstein; Mrs. J. Russell; Miss R. Pinsky; Mrs. D. Malomet; Mrs. M. Knutson
Bannantyne	Mrs. H. Beauchamp; Miss M. Ford; Mrs. C. Clinton; Miss L. Titley; Mrs. V. Villeneuve; Mrs. M. Forges; Miss P. McGlashan
Barclay	Miss P. Cohos; Mrs. M. Laforest; Mrs. M. Firth; Mrs. L. Keller; Mrs. R. Lequesne; Miss M. McGruther; Miss O. Neil
Beaconsfield	Mrs. J. Allen
Bedford	Miss Sheila Horowitz; Miss Merle Leibovitch; Miss K. Goldenberg; Mrs. J. Diner; Miss E. Epstein

Bronx Park	Mrs. F. Rosenfeld; Mrs. E. Blane; Miss D. Waterhouse; Mrs. R. A. Pelley; Mrs. E. M. May
Carlyle	Miss M. E. Allingham; Mrs. S. Bordo; Mrs. M. Wilson; Mrs. W. Fraser; Mrs. P. Joyce; Mrs. M. Smyth
Cartierville	Mrs. G. Talbot; Mrs. R. Wahlberg; Miss M. Schaffer; Mrs. A. Hamilton; Mrs. M. Jackson
Cecil Newman	Mrs. E. Ender; Mrs. F. Stirling; Miss H. M. McConnachie; Mr. B. A. Scarlett
Cedar Park	Miss J. Orser
Central Park	Mrs. E. Robinson; Mrs. E. MacKay; Mrs. A. Scarlett; Mrs. G. Beddows; Miss M. Cook; Mr. D. F. Cochrane
Chambly County High	Mr. H. Rothfels
Connaught	Miss E. Thompson; Mrs. C. Cook; Miss I. Milne; Miss L. Secombe; Mrs. J. McIntosh; Miss F. Arbon
Coronation	Miss I. G. Vibert; Mrs. E. Blair; Miss G. M. Garred; Mrs. S. Camlot; Mrs. I. Devine; Mrs. S. Goldenblatt; Miss D. A. Taylor; Mrs. M. P. Quackenbush; Mr. J. King
Courtland Park	Mrs. V. Leslie; Mrs. S. Calder; Miss M. Bulford; Mrs. L. Flood; Mrs. A. Gibson; Mrs. L. Aldhouse
Crawford Park	Miss G. F. Mercer; Miss A. M. Taylor; Mrs. G. Mulock; Miss L. H. Haworth; Mr. K. McGowan
Devonshire	Miss F. Godel; Miss B. Rosen; Miss M. Rabinovitch; Miss A. M. Fuerstenwald; Mrs. B. Kalisky; Miss Lily Germaise
Dorval Gardens	Mrs. B. MacKay; Mrs. H. Ramsay; Mrs. E. Moore; Mrs. P. Brooks; Mrs. D. Sutcliffe; Mrs. L. Aldhouse
Drummond	Mrs. A. Bercovitch; Miss S. A. Eklove; Mrs. L. Fligel; Mrs. D. Jackson; Mr. H. Haydock; Miss C. Starck
Dunrae Gardens	Mrs. M. Savigny; Miss J. Ferguson; Miss S. Higgs; Mrs. G. Black; Miss J. Findlay; Mrs. H. Miller; Miss E. Jones
Edward VII	Miss J. C. MacInnes; Miss M. Trefler; Mrs. R. Pinchuk; Miss A. S. Harris; Mrs. G. Stewart; Mrs. S. Abramson

Elizabeth Ballantyne	Miss H. Perriton; Mrs. E. McTavish; Mrs. M. E. MacAllister; Mrs. P. Troughton; Mrs. D. deCambra; Miss J. Currie; Mrs. J. Clear
Elmgrove	Miss B. A. McDougall; Mrs. D. Gilday; Mrs. E. F. Thompson; Mrs. M. P. Chevrier; Mr. D. J. Boulé; Mrs. J. Jelinek
Fairmount	Mr. J. J. Levine; Mrs. S. I. Hamilton; Mrs. I. Lowsky; Mrs. P. Zinman; Miss G. Lifshitz; Mrs. P. Rieder; Mr. J. G. Vandenberg
Gardenview	Mrs. M. Crawford; Mrs. V. Murphy; Mrs. S. Thayer; Mrs. E. Farrant; Mrs. R. Kula
Guy Drummond	Miss M. Nicholson; Mrs. J. Aldridge; Miss P. Small; Miss M. Smith; Mrs. E. Riddell; Miss K. Whyte; Mr. J. Russell
Hampstead	Mr. J. Heywood; Miss M. Davies; Mrs. K. Bailey; Miss D. Bennett; Miss M. Woolsey; Miss E. McKyes
Herbert Symonds	Miss H. Wilson; Miss C. Beer; Miss M. Bostrom; Miss S. Reaper; Mrs. I. Wolfson; Mrs. V. Hallett
High School for Girls	Miss D. Bain; Miss R. Smith
High School of Montreal	Mr. D. Bell
Iona Avenue	Mrs. S. M. Filiatrault; Miss M. J. Johnston; Miss L. J. Reid; Miss M. M. Sparks; Miss M. Rissman; Mrs. J. A. Fear; Miss P. V. Brewer; Miss J. M. Brown; Mrs. D. Crites
John Grant	Miss D. Helleur; Mrs. D. F. Cochrane
John Rennie High	Mrs. D. Lowe; Mrs. R. Germaney; Mr. R. Sharp
Kensington	Mrs. D. E. Lavell; .Mrs. A. H. Salter; Miss P. M. Giles; Mrs. O. E. Norton; Miss E. J. McVie; Mrs. M. Martin
Lachine High	Mr. W. Osterman; Mrs. J. Pilon
Lakeside Heights	Miss E. Loebel
King's	Mrs. A. Cote; Mrs. M. Struk; Mr. J. Barr; Miss M. Robertson
Laurentide	Mr. F. L. Bursey; Miss G. E. Baum; Miss B. D. Branchflower; Mrs. E. K. Williamson; Miss J. A. Elliot
Logan	Miss S. H. Mead; Mrs. S. Gold; Mrs. H. Frank; Mrs. R. Burke; Mrs. L. A. Shapiro; Miss E. Goodman

Lorne	Mrs. M. Marchment; Mrs. M. Newcombe; Miss D. M. Smith; Miss M. Kozlov; Miss J. Ito; Mr. C. M. McCallum
Macdonald High	Mrs. B. Hobb; Mr. B. Thompson
Maisonneuve	Miss M. McGeorge; Mrs. J. Alcorn; Miss D. Habib; Miss P. McMinn; Mrs. C. Walsh; Mrs. J. Ewing; Miss E. Bown
Maple Hill	Mrs. L. Dewhurst; Mrs. G. Gummer; Miss L. Gutenplan; Miss H. Glazer; Miss C. Irgo
Meadowbrook	Miss M. Jamieson; Miss H. Maclagan; Mrs. M. Millar; Miss K. Parker; Mrs. G. Drysdale
Merton	Mrs. E. Barrington; Miss B. Workman; Miss S. Green; Mrs. A. Bellman; Mrs. S. Herschorn
Montreal Day Nursery	Miss B. Banks
Monklands High	Mr. A. Henderson; Miss J. Farquharson; Miss S. Ferguson; Mr. S. Montin
Montreal West High	Miss R. Hill; Miss E. Vibert; Miss M. Munro; Mrs. O. Barter; Miss B. Field; Mr. R. Norman
Mountrose	Miss H. Uszkay; Mrs. Z. Rosenthal; Miss H. Byer; Miss M. Pawluk; Mrs. E. Kurtz; Mr. C. McCallum
Mount Royal High	Miss E. Tandy; Miss E. Dimock; Mr. C. Bragg; Miss M. Sellars; Miss A. Theobald; Miss E. Walbridge; Miss C. Brodie; Mr. J. Sims
Nesbitt	Mr. A. Sosnicky; Mrs. C. A. Goldstein; Miss R. Shlacter; Mrs. M. G. Kellett; Miss S. D. Silverstein; Mrs. C. L. Morrison; Mrs. L. Hedges
Northview	Mr. D. Cooke
Ogilvie	Miss L. I. Canavan; Mrs. J. Goldberg; Mr. J. H. Tidy; Mrs. A. E. Mitchell; Mr. G. R. Panchuk; Mr. T. Mowat
Outremont High	Miss B. McPherson; Mr. K. McGowan; Dr. S. Davidson
Parkdale	Mrs. E. McArthur; Miss M. Carr; Mrs. A. Thompson; Mrs. D. Martin; Mrs. J. McKinnon; Miss E. Lynch; Mrs. J. Jelinek; Mr. H. Noetzel
Peace Centennial	Mrs. R. Lenkov; Miss E. Kousaie; Miss Jocelyn Emo; Mrs. Gordon; Mrs. E. Allen; Mr. Bernard Oliver

Queen's	Mrs. J. Drymer; Mrs. B. Ladd; Miss N. Shanks; Miss S. McLellan; Mrs. G. Rowland; Mr. W. Mingie
Riverview	Mrs. P. Cross; Miss M. Desgroseliers; Mrs. E. Dick; Mrs. A. Hardy; Miss J. Holland; Mrs. B. Pierce
Rosedale	Mrs. J. Donald; Mrs. H. Sinfield; Mrs. R. E. Booth; Mrs. M. Crawford; Mrs. D. Lappin; Mrs. E. Hebert; Miss D. Helleur
Roslyn	Miss E. Todd; Mr. Wm. E. Bowker; Mr. A. D. Howell; Mrs. C. Ross; Mr. C. B. Powter; Mr. E. R. Tetrault
Rosemount High	Miss M. Perowne; Mr. B. Ash; Mr. D. Marsland; Miss M. Sinclair
Royal Arthur	Miss I. Appugliese; Mrs. E. Southwell; Miss P. Robinson; Mrs. E. Dixon; Mr. L. Blane; Miss E. Thompson
Royal Vale	Mrs. A. Levitsky; Miss V. Badian; Mrs. M. Wilkinson; Miss L. Gardiner; Mr. J. Arbuckle; Mrs. A. Shepard; Miss E. McKyes
Russell	Mrs. K. Dickinson; Miss A. Bastin; Miss W. Bailey; Mrs. J. Carmichael; Mrs. L. Scott; Mr. J. G. Vandenberg
Sinclair Laird	Miss U. S. Wardleworth; Mrs. L. Fothergill; Miss M. Steele; Miss G. Hughes; Miss J. French; Mr. V. Alleslev
Sir Arthur Currie	Mrs. E. F. Boyd; Miss E. C. M. Hudson; Miss R. Easton; Mrs. H. F. Ball; Miss D. H. Richardson; Mrs. M. C. H. Wharton; Mrs. S. I. Clark
Somerled	Mrs. K. P. Harris; Miss P. M. Laing; Miss I. M. Bucci; Miss B. Nadler; Mrs. M. Hunchak; Miss N W. Gilmore
Strathcona	Mrs. J. F. Salts; Mrs. E. W. Mackenzie; Mr. L. W. Welburn; Mrs. E. A. Cleland; Miss R. Yaffe; Mrs. F. Malus; Mrs. L. Boehnke
Strathearn	Miss E. Rosedale; Mrs. M. Mullally; Mrs. E. Valcov-Kwiatkowski; Miss R. Popper; Mr. T. Mowat
Summerlea	Miss M. Martin; Miss V. Grigsby; Miss S. Burnett; Mrs. H. Stewart; Miss M. Kenworthy; Mrs. Morris; Mrs. B. Champion; Mrs. J. Cloutier
Surrey Gardens	Mrs. B. E. Dawe; Mrs. F. Stevenson; Mrs. G. M. Cunningham
Tetreaultville	Mrs. S. Bray; Mrs. M. Stanley; Miss F. Dutaud; Miss E. Hohne; Mr. I. Waldman

Valois Park	Miss J. Bowman
Van Horne	Miss E. Sirota; Mrs. B. Schwartz; Miss L. Wolfe; Mrs. M. Goldsmith; Mrs. G. Deskin; Mrs. R. Shore; Miss O. Taylor; Mrs. M. Sharp; Miss H. Dullege, Mr. H. Tibblin
Verdun High	Mr. W. Searles; Miss I. Irwin; Miss M. Ellefson
Victoria	Miss B. Smirle; Mrs. J. Oberfeld; Mrs. A. Johnson; Miss E. Thompson
Westbrook	Miss B. J. Parsons; Miss L. M. Donald; Miss C. H. W. McKenzie; Miss M. Shapiro; Miss C. Starck
West Hill High	Mr. P. M. McFarlane; Miss E. Phelan; Miss M. Gilmore; Mr. D. Robertson
Westminster	Miss J. Ruttenberg; Miss G. Stangle; Miss J. Elliot; Mrs. B. Vallance; Mrs. E. Rudner; Mrs. R. Clayton
Westmount Junior High	Mr. W. Mingie; Miss J. Thompson; Mrs. A. Warburton
Westmount Senior High	Mr. Hugh Stratton
Willingdon	Miss M. Macnab; Miss A. Reaper; Miss J. Hall; Miss G. Colley; Miss C. Pethick; Mrs. D. Smith
Woodland	Mrs. M. Daigle; Miss B. E. Harvey; Mrs. M. Baldwin; Miss M. Surprenant; Mrs. M. Coffin; Miss V. Starke

MACDONALD COLLEGE

GENERAL INFORMATION

Macdonald College, Ste. Anne de Bellevue, Que., is twenty miles west of Montreal, on the main lines of the Canadian National Railway and the Canadian Pacific Railway, and on provincial highways No. 2 and No. 17. The Anglican Church of Canada, the United Church of Canada and the Roman Catholic Church in Canada all have churches in the town. Students of all religious denominations are free to enter Macdonald College. A branch of the Bank of Montreal serves the community.

The College has its own post office and mail should be addressed simply Macdonald College, Que. The address for freight and express parcels, and for telegrams, is Macdonald College, Ste. Anne de Bellevue, Que.

Key telephone numbers are: Switchboard (connecting all departments), Ste. Anne de Bellevue 5335; Brittain Hall, 9082, 9086; Stewart Hall, 9008, 9095; Main Building Dormitory, 9003, 9088; Harrison House, 4407.

FACILITIES

Sir William Macdonald planned so well for future needs that the facilities of Macdonald College for instruction in Agriculture, Home Economics and Teaching are still provided almost entirely in the buildings constructed in 1905. The picturesque brick buildings and red-tile roofs of the Chemistry, Biology, Agriculture and Main Buildings, together with Stewart and Brittain Halls (residences for women and men respectively), and the well laid out grounds on the shore of Lake St. Louis, combine to provide a campus which is attractive and functional.

Laboratory and lecture rooms are exceptionally well supplied with modern and efficient teaching facilities, while the reference section of the Library and the research laboratories associated with the various science departments are well equipped to permit the vigorous investigation of problems connected with postgraduate studies.

The land associated with the College consists of approximately 1600 acres, at the western end of the Island of Montreal, and is largely in the Parish of Ste. Anne de Bout de l'Isle, Jacques Cartier County. The campus proper consists of about 200 acres south of the Metropolitan Boulevard.

The Morgan Arboretum established in 1947, has 700 acres of woodland devoted to the study of woodlot management and the place of the woodlot in the Eastern Canadian farm economy. About 100 acres have been planted in reforestation projects. In addition, the Arboretum, in spite of its short history, has Canada's best collection of examples of all Canadian and many foreign species of trees and shrubs of interest from the point of view of pulpwood, timber and landscaping.

THE MACDONALD COLLEGE LIBRARY

The library and reading room are centrally located in the Main Building, occupying the ground floor of an annex leading off the main hall.

The present stack-room has accommodation for about 25,000 volumes, and the choice of books has been directed towards bringing together the best of modern literature on subjects of the curriculum of the College.

The Walter M. Stewart Collection includes biography, history, travel, science, etc. This collection has been purchased through the generosity of Walter M. Stewart, of Montreal.

RESIDENCE

Men students in residence live in Brittain Hall, named in honour of Dr. W. H. Brittain, Vice-Principal of Macdonald College from 1935 to

1955. The residence for women is named Stewart Hall in honour of Mr. and Mrs. Walter M. Stewart, long-time friends and benefactors of the College. A subsidiary residence for women students is also maintained on the third floor of the Main Building.

Macdonald College does not have residence accommodation for all the students who enroll, and acceptance of the application for admission to a course of study does not imply that residence accommodation will be available.

Any student wishing to live in one of the College residences must apply for residence accommodation well in advance of the opening of the session. Forms of application for residence accommodation are sent with the regular forms of application for admission to the course.

A deposit of $25.00 must accompany the application for accommodation. If the application is accepted the deposit will be deducted from the payment due on entrance. The College guarantees to refund the deposit if the application is refused, or is cancelled by the applicant at least three week prior to the date of registration for the course concerned.

All students who have been in residence during the session must apply for re-admission for the following year, and make a deposit of $25.00, before leaving at the end of the session, should they wish to have space reserved for them. This deposit will be refunded if the application is not accepted, or is cancelled by the applicant three weeks prior to the date of registration for the course in which he or she is enrolled. If the application is accepted, the deposit will be deducted from the payment due on entrance.

A number of rooms are available in private homes in Ste. Anne de Bellevue; a list of these may be obtained from the Registrar's Office. Most are located within a few minutes' walk of the College. Students rooming out may have all their meals in the College dining room and participate fully in all regular College activities.

All students, whether living in residence or not, are registered in one or other of the Halls of Residence, as well as in their respective Faculties or Schools.

Students of the Institute of Education who live in Montreal may apply for permission to commute daily between Montreal and the College.

Due to the necessity of accommodating conventions and short courses during the summer months, resulting in a limited time available for repairs and cleaning, no student will be admitted to residence before the date set for registration in the course for which he or she has been accepted. Nor may a student remain in residence after the session ends, nor during

the Christmas holidays. Exceptions to this rule will be made in the case of certain student officers whose duties require their presence before the opening date, members of the football team who have been accepted for pre-season training, students preparing for supplemental examinations and other students under exceptional circumstances by permission of the Warden.

Students who have reserved accommodation and who are returning early to write, or prepare for, supplemental examinations, may enter residence, by special permission, not earlier than one week before the date of their first examination. Application for early accommodation must be sent with the application for supplemental examination, before September 1st. The charge for room and board for this period will be $12.50 for a week or any part of a week.

Students may not invite relatives or friends to stay overnight in the residence without permission from the Housekeeper or Warden of Residence.

For the admission of visitors to the Dining Room tickets must be purchased at the Dietitian's Office, Stewart Hall, at the Administration Office in the Main Building, or from the doorman on duty.

Students are held responsible for the care of their rooms and of their furnishings.

Students are recommended to mark clearly, before coming to the College, all articies of wearing apparel, sheets, pillow cases, etc.

Detailed regulations are printed separateiy and issued to students after arrival.

ROOM FURNISHINGS

Bedrooms are furnished with closets, beds, mattresses, blankets, pillows, and the necessary furniture.

Each student is expected to provide his or her own laundry bag, toilet soap, drinking glass, four sheets, about 90 inches long, 60 inches wide; two pillow covers, 34 inches long, 20 inches wide; hand towels and bath towels; flashlight.

Each room is provided with picture moulding. Students are permitted to bring rugs, pictures, etc., but are not allowed to drive tacks or nails into walls or woodwork, nor to paste pictures on the walls.

Women students are required to provide sash curtains and curtain rods for the windows in their rooms.

CONDUCT AND ATTENDANCE

The general responsibility for the maintenance of discipline in each residence is vested in a Warden, but, through a system of self-government, students are encouraged to accept the greatest possible amount of responsibility in connection with their own affairs. Enforcement of necessary regulations, exaction of disciplinary measures, and regulation of conduct *in and out of residence*, is largely in the hands of a House Committee for each residence, elected by the students from among their own number.

Matters of discipline connected with or arising from the general arrangement for teaching within a Faculty or School are under the jurisdiction of the Dean of the Faculty or Director of the School concerned.

Students may be admonished by a professor or instructor for improper conduct and may be reported to the Dean or Director concerned. If considered advisable, such conduct shall be reported to parents or guardians.

Students found guilty of immoral, dishonest, or other improper conduct, the violation of rules, or wilfully causing damage to persons or property, shall be liable to College discipline, which includes the power of expulsion (subject to the approval of the Senate of McGill University), of suspension from classes or residence (also in the case of women students, confinement to residence), of exclusion from all College functions, including class or society meetings, plays, dances, etc., of disqualification from competing for honours or prizes, and of levying fines. Fines may also be imposed or assessments made for damages made by individuals or groups of students.

Bringing liquor into the College is considered a serious breach of discipline, and students who indulge in the use of liquor, or who frequent places where it is sold, may be required to withdraw from the College.

Students are not permitted to bring firearms into their rooms, nor is the use of firearms allowed on the College grounds.

The Ottawa River on which the College is situated is considered unsafe for bathing and students who go swimming or boating do so at their own risk.

Hitchhiking is not permitted.

Gambling is not permitted on College property.

Unauthorized entrance to Stewart Hall or subsidiary residences by men students, or to Brittain Hall by women students, will result in immediate suspension of the guilty persons, followed by expulsion proceedings.

Students are requested not to make application for additional leave either before or after holiday periods, as such leaves can only be granted in case of illness or other exceptional circumstances.

For late registration or for absence from classes on the last day before or the first day following a holiday period, there will be a penalty of $3.00 for each day or part of a day.

During illness students are under the direction of the Medical Officer and may not leave the residence or infirmary without his permission.

Punctual attendance at all classes, laboratory periods, tests, etc., is expected of all students. Absences can only be excused on the ground of necessity or illness, of which proof may be required. Special attention is called to the fact that the completion of all laboratory work is obligatory and the opportunity to make up work missed can only be provided in the case of properly excused absences.

The College has the power to refuse examinations to those students who persist in absenting themselves from classes without permission.

Any student who is unwilling to submit cheerfully to the restrictions of college life, whose conduct does not furnish satisfactory evidence of diligence and earnestness of purpose, or whose work is definitely unsatisfactory, may be placed on probation, or may be required to withdraw from the college.

Degrees of probation are as follows:

Probation 1 — The student is permitted to remain on trial, subject to satisfactory work and conduct.

Probation 2 — The student is not allowed to participate in competitive events, nor to take part in plays or other activities involving undue loss of time.

LEAVE OF ABSENCE

WOMEN STUDENTS

In order to avail themselves of leave privileges, women students in residence must present at the beginning of the session a form signed by parent or guardian giving general permission or specifying the manner in which leave may be spent. Forms for this purpose, and details of leave allowances, are sent to all students.

The amount of leave permitted is based on the student's year. A student is entitled to the leaves accorded those in her year only while in

good academic standing. Conditioned students in the Second, Third or Fourth year have the allowances granted to the year below.

Except in cases of emergency, telephone messages or telegrams requesting leave of absence for women students will receive no consideration.

Students wishing to stay at hotels, lodges, etc., while on leave, or to go on skiing trips, are required to have the written consent of their parents to do so.

On no account shall a student be absent from college without having complied with the regulations regarding registration of leaves, or without the knowledge and consent of the Warden. Absence from College without permission is a serious offence which renders the student liable to instant suspension or dismissal. If prevented from returning after an absence, due to illness or other cause, students must advise the Warden immediately, and these students must report to the Warden's office immediately upon their return.

Students are urged to have dental work attended to before entrance, though dental appointments will be allowed in cases of urgency. Appointments to visit a physician are allowed on production of a letter from the physician indicating the date and hour of the appointment.

All correspondence regarding the conduct of women students in residence should be addressed to The Warden, Stewart Hall, Macdonald College, P.Q.

MEN STUDENTS

First Year Diploma and Degree students must obtain permission from the Dean should they wish to have overnight leave of absence. All students who expect to be absent from the College should leave some record of their movements.

VISITORS

Women students in residence may receive visitors any day between the hours of 4.00 and 6.00 p.m. and from 7.00 until 9.00 p.m., and at any time up to 11.45 p.m. on Saturdays. Visitors may be shown over the Residence only on Saturdays, except in the case of parents or friends from a distance. Guests may be entertained in the Reception Rooms and the Common Room; only parents and women friends may be shown students' bedrooms.

Women visitors to Brittain Hall may be entertained in the Reception Rooms only.

MISCELLANEOUS EXPENSES

STUDENT ACTIVITIES

There are various student activities at the College, such as the athletic associations, literary and debating society, publications, class societies, etc., which the students are expected to support. The affairs of these organizations are in the hands of the students themselves and their operations are financed from the student activity fee which is charged all undergraduate and graduate students, and all partial students registered for three or more full courses. These fees are listed on page 4812.

LAUNDRY SERVICE

Weekly laundry service at moderate prices is provided by a Montreal laundry to which students may send their personal washing, sheets, pillow covers, and towels. Printed lists will be furnished, two copies of which, properly filled out, must accompany each parcel. Fully equipped laundry rooms are also provided in each residence for students' use.

HEALTH SERVICE

The College Health Service provides medical examinations for all men and women students at the beginning of each session. The examination for students entering for the first time includes a complete clinical check, together with an X-ray of chest and routine laboratory procedures.

All examinations are by appointment after registration. The examination is compulsory for all students. Any student who fails to keep this appointment is subject to later examination for which a charge of $2.00 is made. Any student who fails to have a medical examination by the Health Service is subject to disciplinary action by the University authorities.

Medical and nursing attendance, major operations and illness excepted, will be provided to all students while in attendance at the College.

If a student's admission to a city hospital is ordered by the College Medical Officer, one half of all public ward charges is paid by the College, provided that the total obligation assumed by the College does not exceed $125.00 in any one session for any one student. Should a student desire private accommodation, the difference in cost must be borne by him.

This contribution towards hospital expenses is made only when the illness or other condition requiring hospital treatment was not present or was unknown or undetected at the time of admission.

During the session, all students are covered by a group accident insurance policy, the premium for which is included in the student activity fee.

BOOKS

The prescribed textbooks, and classroom and laboratory supplies, may be purchased at the College Book Shop.

APPLICATION FOR RESIDENCE ACCOMMODATION

Students wishing to live in residence at the College must apply for residence accommodation before June 30th. A form for this purpose is sent with the form of application for admission.

McGILL UNIVERSITY

Information regarding admission, residence, health service etc., will be found in the bulletin of *General Information* which is enclosed with this Announcement.

SCHOLARSHIPS, BURSARIES, LOAN FUNDS

A list of scholarships, bursaries and student loan funds may be obtained on application.

SPECIALIST PROGRAMS

Agricultural Specialist Certificate Course (see Announcement of Macdonald College), **Household Science Specialist** (see Announcement of Macdonald College), **Music Specialist** (see Announcement of Faculty of Music).

Military Training

CANADIAN OFFICERS TRAINING CORPS

McGILL UNIVERSITY CONTINGENT

GEN. THE HON. A. G. L. MCNAUGHTON, C.H., C.B., C.M.G., D.S.O. — *Honorary Colonel*

LT.-COL. J. M. MORRIS, M.C., V.D. — *Honorary Lieutenent Colonel*

LT.-COL. W. A. CAMPBELL — *Commanding Officer*

MAJOR J. B. BIRD — *Second-in-Command*

LIEUT. N. LAWSON — *Officer Commanding Macdonald College Detachment*

1. GENERAL

The McGill University Contingent C.O.T.C., is the oldest university unit for the training of army officers in North America, having been officially established on 1st November 1912. Its offices and mess are located in the Sir Arthur Currie Memorial Gymnasium-Armoury.

The purpose of the training it offers is to qualify a selected number of undergraduates for a commission in one of the corps of the Canadian Army (Regular or Militia). Applicants may choose the corps in which they wish to be commissioned, within limits set by the educational requirements of certain corps and by the number of vacancies available in each corps.

2. ELIGIBILITY

Any male student may apply provided that:

(a) He is a Canadian citizen by birth or naturalization, or a British subject resident in Canada possessing the certificate of a landed immigrant. A student visa is not acceptable.

(b) He is at least 17 years of age, and able to complete 2 years of training before reaching the age limit of the corps for which he is applying.

(c) He meets the physical requirements of the corps for which he is applying.

(d) He is registered as a Regular Undergraduate.

(e) He is able to complete two summers' training at an army training centre before graduation from the University unless he is certain that he is going to take graduate work.

All applicants will be required to state in their written application that they are willing to complete the minimum programme of training, if accepted.

3. TRAINING

The training consists of:

(A) WINTER (THEORETICAL) TRAINING

A minimum of two Theoretical Phases of training must be completed; a third Theoretical Phase is optional. This third Theoretical Phase is prerequisite to the third Practical Phase. The training consists of lecture-courses given on one night a week during the winter, as follows:

First Theoretical Phase (First Winter)

- Introduction to the Army
- Military Law
- Leadership

Second Theoretical Phase (Second Winter)

- Tactics
- Staff Duties
- Organization and Administration of the Army in Canada
- Leadership

Third Theoretical Phase (Third Winter)

- Military History
- Tactics
- Organization and Administration of the Army in Canada
- Leadership

(B) SUMMER (PRACTICAL) TRAINING

A minimum of two Practical Phases of training must be completed; a third Practical Phase is optional, but highly recommended. Each phase consists of up to 22 weeks' training during the summer at the training centre of the corps in which the applicant is enrolled. These centres are located throughout Canada from Valcartier, Quebec, to Victoria, B.C.

In addition, selected student officers in their Third Practical Phase proceed annually to train with the Canadian Army Brigade in Germany.

4. STATUS AND PAY

Applicants who are accepted are given the rank of Officer Cadet and the status of Second Lieutenant. The rate of pay for Officer Cadets during the Practical Phases of training ni the summer is $210.00 a month. In addition, board, quarters, medical care, and transportation to and from the training centre are provided free.

Officer Cadets receive $3.50 for each parade night attended during the winter up to a maximum of $112.00 (16 days' pay).

5. QUALIFICATION AND COMMISSIONING

Officer Cadets who complete the First and Second Practical and Theoretical Phases of training are qualified for the rank of Second Lieutenant in the Militia. The completion of the Third Practical and Theoretical Phases as well qualifies an Officer Cadet as Lieutenant in the Militia or in the Regular Army upon graduation from a degree course.

When the necessary military training requirements have been completed, Officer Cadets may apply for commissions in the Regular Army or in the Militia. If they do not choose either of these alternatives, they will be posted in commissioned rank to the Supplementary Reserve.

6. NON-MILITARY ACTIVITIES

The facilities of the Contingent Mess situated in the Sir Arthur Currie Memorial Gymnasium-Armoury are available to all members of the Contingent. Various social functions are held throughout the academic year to which Contingent members and their guests are welcome.

7. INFORMATION, APPLICATION AND SELECTION

Requests for further information and applications to join the Contingent should be made at McGill to Captain H. R. Ryan, Department of Athletics, Sir Arthur Currie Memorial Gymnasium-Armoury, 475 Pine Avenue West, and at Macdonald College to Lieut. N. Lawson, Faculty of Graduate Studies.

Applicants who satisfy the requirements listed in Section 2 will be asked to appear before the University C.O.T.C. Selection Board.

Information can also be supplied by the Commanding Officer of the Contingent or by the University Tri-Services Officer about the programme under which university students may have their education costs and living expenses subsidized by the Department of National Defence, under the Regular Officer Training Plan (R.O.T.P.)

McGILL UNIVERSITY NAVAL TRAINING DIVISION

Commanding Officer

LIEUTENANT COMMANDER J. L. M. LAFLECHE, R.C.N.

University Naval Training Divisions have been established to select and train suitable male undergraduates attending Canadian Universities and Colleges for Commissioned Rank in the Royal Canadian Navy. The program enables the Canadian Navy to build up a Reserve of trained

Commissioned Officers of high calibre. Applicants must be 17 years of age, medically fit, and have a sound academic record. At present, the U.N.T.D. administers locally the Regular Officer Training Plan, by which selected candidates are subsidized at University at Public Expense (further details of R.O.T.P. on application).

Students entering the U.N.T.D. remain on a probationary basis until January of the First Winter, at which time a final selection is made. Normally, recruiting is limited to First and Second year students, and ends before November.

REQUIREMENTS FOR COMMISSION

Cadets who successfully complete the U.N.T.D. Course of three Winters and two Summers (minimum) receive an Acting Commission in the Royal Canadian Navy (Reserve). When a University degree is attained, the candidate is confirmed in the rank of Sub-Lieutenant.

Winter training consists of instruction in HMCS "Donnacona" one evening per week. Summer Training requires 14 weeks at either "Halifax" or "Esquimalt," ashore and at sea in one of Her Majesty's Canadian Ships.

Cadets rate of pay is $210.00 per month while in Active Training. During Winter Training, one drill night is considered the equivalent of one half-day's pay at the rate of $210.00 per month. Uniforms, rations, quarters, transportation, medical care are also provided.

NATURE OF TRAINING

Instruction is both theoretical and practical in nature. It is presently being considered by Naval Headquarters that all cadets will be trained as General List Officers for two Winters and two Summers. More specialized training will be given in the third Summer which may be allied as closely as possible to the Cadets' University studies.

Shore-side training is augmented in the fullest extent possible by sea experience. In recent Summers, U.N.T.D. Cadets have visited such places as Gibraltar, Ireland, Great Britain, Southern France, Scandinavia, Alaska, California, Hawaii, Pearl Harbour and the Fiji Islands.

In addition, emphasis is placed on sports of all descriptions, with special stress on sailing.

For further information, apply to:

Commanding Officer, U.N.T.D.,
H.M.C.S. "Donnacona,"
1475 Drummond Street,
Montreal, P.Q.
VI. 2-9022, local 23.

R.C.A.F. McGILL UNIVERSITY RESERVE SQUADRON

WING COMMANDER C. D. SOLIN *Commanding Officer*

1. OBJECT

The RCAF has established the McGill University Reserve Squadron on the campus in order to provide an annual flow of university trained Officers into the Regular and Reserve components of the RCAF.

2. ELIGIBILITY—University Reserve Training Plan (URTP)

To apply for enrolment a student must be:

Between the ages of 17 (18 for women) and 29.

Able to complete three summers of RCAF training prior to graduation if applying for the Technical List.

Able to complete at least two summers of RCAF training prior to graduation if applying for the other training lists.

Medically fit to RCAF standards.

3. TRAINING BRANCHES

Each fall, enrolments are made for training in the following branches:

TECHNICAL—Aeronautical Engineering, Armament, Construction Engineering, Telecommunications, Mobile Equipment Engineering.

OTHER —Accounts, Administration, Chaplain, Education, Fighter Controller, Flying Control, Ground Defence, Ground Observer, Legal, Medical, Food Services, Special Service (Recreation), Security, Supply.

4. TRAINING

(a) WINTER TRAINING—This program, which takes place at the university, normally consists of a weekly two hour parade. Parades commence in October and terminate in March and are phased so that they do not interfere with academic studies and examinations. This training is designed to familiarize URTP personnel with the duties and responsibilities of junior officers and to give a general knowledge of the RCAF, and its role in defence.

(b) SUMMER TRAINING—All successful candidates for the URTP attend Officers' School in the first half of the first summer. Those who are enrolled in a branch for which a course is conducted then proceed on formal training while the remainder receive supervised employment at stations across Canada. Each year a number of Flight Cadets may be selected to take their third summer at an overseas unit.

5. STATUS

Accepted students are enrolled with the training rank of Flight Cadet.

On successful completion of training, Flight Cadets will be commissioned as Pilot Officers. Upon graduation, Pilot Officers are eligible to transfer to the RCAF Regular, the Auxiliary, the Primary Reserve, or the Supplementary Reserve with the rank of Flying Officer.

6. PAY

DURING SUMMER TRAINING

$210 per month.

Rations, quarters, transportation, uniforms and medical attention are provided free.

DURING THE WINTER TRAINING PERIOD

Up to 16 days pay per winter, plus pay for any approved special duty.

7. APPLICATION FOR ENROLMENT

Phone VI. 4-1932 to make an appointment with the RCAF Officer, Room 10, Sir Arthur Currie Memorial Gymnasium.

Academic Dress

Undergraduates are entitled to wear a plain stuff gown, not longer than half way between knee and ankle, with round sleeves cut above elbow.

Bachelor of Arts—Black stuff gown, falling down below knee with full sleeve cut to elbow and terminating in a point (similar to that of the Cambridge B.A.); hood, black silk, lined with pale blue silk and edged with white fur.

Bachelor of Architecture—The same gown as Bachelors of Arts; hood, black silk, lined with white silk and edged with white fur.

Bachelor of Civil Law—The same gown as Bachelors of Arts; hood, black silk, lined with French grey silk and edged with white fur.

Bachelor of Commerce—The same gown as Bachelors of Arts; hood, black silk, lined with purple silk and edged with white fur.

Bachelor of Divinity—The same gown as Bachelors of Arts; hood, black silk, lined with violet silk and edged with white fur.

Bachelor of Education—The same gown as Bachelors of Arts; hood, black silk, lined one half with yellow and one half with pale blue silk.

Bachelor of Engineering—The same gown as Bachelors of Arts; hood, black silk, lined with scarlet silk and edged with white fur.

Bachelor of Household Science—The same gown as Bachelors of Arts; hood, black silk, lined with jade green silk and edged with white fur.

Bachelor of Library Science—The same gown as Bachelors of Arts; hood, black silk, lined with orange silk and edged with white fur.

Bachelor of Music—The same gown as Bachelors of Arts; hood, black silk, lined with pale mauve silk and edged with white fur.

Bachelor of Nursing—The same gown as Bachelors of Arts; hood, black silk, lined with dark blue silk and edged with white fur.

Bachelor of Science—The same gown as Bachelors of Arts; hood, black silk, lined with yellow silk and edged with white fur.

Bachelor of Science in Agriculture—The same gown as Bachelors of Arts; hood, black silk, lined with dark green silk and edged with white fur.

Bachelor of Science in Physical Education—The same gown as Bachelors of Arts; hood, black silk, lined with claret coloured silk and edged with white fur.

Bachelor of Science in Physical and Occupational Therapy—The same gown as Bachelors of Arts; hood, black silk, lined one half with yellow and one half with dark blue silk.

Master of Arts—Black gown of stuff or silk, falling below knee, with long sleeves with semi-circular cut at the bottom (similar to that of the Cambridge M.A.); hood, black silk, lined with pale blue silk.

Master of Architecture—The same gown as Masters of Arts; hood, black silk, lined with white silk.

Master of Commerce—The same gown as Masters of Arts; hood, black silk, lined with purple silk.

Master of Engineering—The same gown as Masters of Arts; hood, black silk, lined with scarlet silk.

Master of Laws—The same gown as Masters of Arts; hood, black silk, lined with French grey silk.

Master of Library Science—The same gown as Masters of Arts; hood, black silk lined with orange silk.

Master of Sacred Theology—The same gown as Masters of Arts; hood, black silk lined with violet silk.

Master of Science—The same gown as Masters of Arts; hood, black silk, lined with yellow silk.

Master of Science (Applied)—The same gown as Masters of Arts; hood, black silk, lined one half with pale green silk and one half with yellow silk, divided vertically, the green being on the wearer's right.

Master of Social Work—The same gown as Masters of Arts; hood, black silk, lined with fuchsia silk.

Doctor of Civil Law—The same gown as Masters of Arts; hood, scarlet cloth, lined with French grey silk.

Doctor of Dental Surgery—The same gown as Masters of Arts; hood; scarlet cloth, lined with pink silk.

Doctor of Laws—The same gown as Masters of Arts; hood, scarlet cloth, lined with white silk.

Doctor of Letters—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale blue silk.

Doctor of Medicine and Master of Surgery—The same gown as Masters of Arts; hood, scarlet cloth, lined with dark blue silk.

Doctor of Music—The same gown as Masters of Arts; hood, scarlet cloth, lined with mauve silk.

Doctor of Philosophy—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale green silk.

Doctor of Science—The same gown as Masters of Arts; hood, scarlet cloth, lined with yellow silk.

Doctors of Laws, Doctors of Civil Law, Doctors of Letters, Doctors of Science, Doctors of Philosophy, and Doctors of Music are entitled to wear for full dress a robe of scarlet cloth (similar in pattern to that of the Cambridge LL.D.) faced with silk of the same colour as the lining of their respective hoods.

All hoods are in pattern similar to that of the Masters of Arts of Cambridge University.

Undergraduates and graduates wear the ordinary black trencher with black tassel, but Doctors of Laws, Doctors of Civil Law, Doctors of Letters, Doctors of Science, Doctors of Philosophy, and Doctors of Music wear for full dress a black velvet hat with gold cord, similar to that worn by Doctors of Laws of Cambridge University.

Samples of the colours of the linings of all hoods are kept for inspection in the office of the Registrar.

McGill University

Montreal

Directory of Students

1957-1958

McGill University

Montreal

Directory of Students

1957-1958

DIRECTORY OF STUDENTS

	TELEPHONE NUMBERS	Local
Arts and Science Undergraduate Society, 690 Sherbrooke St. W.	AV-8-2244	
Athletics, Physical Education, and Recreation, 475 Pine Ave. W.		
Director: Harry E. Griffiths	VI.9-9181	431
Business Manager: John Forsyth	VI.9-9181	446
Book Store (University), 3416 McTavish Street	VI.9-9181	400
Canadian Officers Training Corps. 475 Pine Ave. West	BE.3304	
Canterbury House, 3479 University Street	BE.1629	
Conservatorium of Music, 3450 Drummond Street - Secretary	VI.9-9181	482
Co-Operative Residence (Men Students) 3609 University Street	AV.8-6307	
Diocesan College, 3473 University Street ----------Office	VI.9-3004	
Students	VI.9-4902	
Divinity Hall, 3520 University Street - Students	VI.9-9181	371
Graduates' Society, 3574 University Street	VI.9-9181	463
Hillel Foundation, 3460 Stanley Street	VI.5-9171	
I.V.C.F. (See "Student House")		

Macdonald College, Ste. Anne de Bellevue, Que. -

Administrative Offices	Ste. Anne-5335
Brittain Hall (Men's Residence)	Ste. Anne-9082 / Ste. Anne-9086
Stewart Hall (Women's Residence)	Ste. Anne-9008 / Ste. Anne-9095
Main Building Dormitory	Ste. Anne-9003 / Ste. Anne-9088
Harrison House	Ste. Anne-4407
McGill Daily, 690 Sherbrooke Street West	AV.8-2244
Editor-in-chief: Neville Linton	VI.9-1550
Advertising Manager: M.E. Heasley	AV.8-2244
McGill Union, 690 Sherbrooke Street West	AV.8-2244
President: Stuart Smith	AV.8-2246

McGill University Administrative Offices -

Principal	VI.9-9181	300
Comptroller	VI.9-9181	303
Secretary of the Board of Governors	VI.9-9181	401
Registrar's Office	VI.9-9181	479
Cashier	VI.9-9181	205
Superintendent of Buildings and Grounds	VI.9-9181	441
Faculties -		
Arts and Science - Dean	VI.9-9181	206
" " " Assistant Dean	VI.9-9181	307
Dentistry - Dean	VI.9-9181	208
" Secretary	VI.9-9181	211
Divinity - 3520 University Street - Dean	VI.9-9181	293
Engineering - Dean	VI.9-9181	413
" Dean's Secretary	VI.9-9181	317
Graduate Studies and Research - Dean	VI.9-9181	319
Law, 3644 Peel Street - Dean	VI.9-9181	456
Medicine - Dean	VI.9-9181	311
" Secretary of Faculty	VI.9-9181	207
Music - 3450 Drummond Street - Dean	VI.9-9181	484
" Secretary	VI.9-9181	482
Schools -		
Architecture - 3484 University Street - Director	VI.9-9181	351
Commerce, 1020 Pine Avenue West - Director	VI.9-9181	450
Graduate Nurses, 1266 Pine Avenue West - Director	VI.9-9181	485
Library, Redpath Library - Director	VI.9-9181	408
Physical Education, 475 Pine Ave. West -	VI.9-9181	433
Physical & Occupational Therapy, 3654 Drummond Street - Director	VI.9-9181	472
Social Work. 3600 University Street - Director	VI.9-9181	277

TELEPHONE NUMBERS - Continued

		Local
McGill University Naval Training Division, 1475 Drummond Street, Staff Officer	PL.9022	22
Newman House, 3484 Peel Street	BE.4229	
Placement Service, 3574 University Street	VI.5-6405	
Presbyterian College, 3485 McTavish Street ..... Office	PL.5754	
Students	BE.0424	
R.C.A.F. Reserve University Squadron, 475 Pine Avenue West	BE.1932	

Residences (University) -

(Note - There are several students' telephones in most University residences. These telephones are not connected with the University switchboard. The number given below is in each case that of the main hall telephone or porter. If you do not know the correct number through which to reach a student directly, call the listed number for information.)

Douglas Hall of Residence (Men Students), 3851 University St.	BE.0977
McLennan Hall (Women Students), 3480 Ontario Avenue	PL.0044
Royal Victoria College (Women Students), 555 Sherbrooke St.W.	BE.0675
Wilson Hall (Men Students), 3506 University St.	BE.0624

Royal Victoria College, 555 Sherbrooke St. West -

Warden	VI.9-9181	234
Warden's Secretary	VI.9-9181	325
Porter (9 a.m. to 5 p.m.)	VI.9-9181	236

Students: See note under "Residences, University", above.

Student Christian Movement, 3625 Oxenden Avenue	PL.1156

Student Health Service, 515-517 Pine Avenue West -

Men (24 hour service)	VI.5-9682
Women - Day (9 a.m. to 5 p.m.) All students call: R.V.C. Infirmary	VI.9-9181 420
Night (5 p.m. to 9 a.m.) - Women Students not in residence call: Dr. M.D. Mellor.	HU.1-5560
Student House (I.V.C.F.) 3445 Peel Street	VI.5-9462
Students' Executive Council, 690 Sherbrooke Street West	AV.8-2244
President: Louis Donolo	AV.8-2247
Secretary-Treasurer: Wilfred T. Hastings	AV.8-2244
Tennis Courts	
Tickets for Football and Hockey, Sir Arthur Currie Gymnasium	PL.4489
United Theological College, 3508 University Street - Students	BE.0752 / VI.5-4873
" " " Office	VI.9-2042
Women's Union of McGill University, 555 Sherbrooke Street, W.	VI.9-9181 423
President: Denise Benzacar	PL.0526

MEN'S FRATERNITIES

Alpha Delta Phi. 3478 McTavish Street	PL. 7412
Alpha Kappa Kappa, 3466 McTavish Street	AV.8-9533
Delta Kappa Epsilon, 3653 University Street	PL. 2073
Delta Sigma Phi, 3592 University Street	PL. 2435
Delta Upsilon, 3434 McTavish Street	PL. 4492
Kappa Alpha, 3605 University Street	AV.8-0643
Kappa Rho Tau, 3511 Peel Street	BE. 4777
Lambda Chi Alpha, 485 Sherbrooke Street, West	VI.5-0734
Nu Sigma Nu, 545 Pine Avenue West	VI.5-7045
Phi Delta Theta, 3581 University Street	VI.9-1368
Phi Epsilon Pi, 3420 Peel Street	BE. 7812
Phi Gamma Delta, 481 Prince Arthur Street, West	AV.8-7773
Phi Kappa Pi, 3647 University Street	VI.9-2806
Psi Upsilon 3429 Peel Street	PL. 7385
Sigma Alpha Mu, 1019 Sherbrooke Street, West	VI.9-2592
Sigma Chi, 3482 McTavish Street	PL. 1674
Tau Epsilon Phi, 3641 Oxenden Avenue	AV.8-0566
Theta Delta Chi, 3633 Oxenden Avenue	AV.8-6896
Zeta Beta Tau, 3483 Peel Street	PL.0882
Zeta Psi, 3637 University Street	VI.9-1736

WOMEN'S FRATERNITIES

Alpha Gamma Delta, 3495 Peel Street	BE. 7861
Alpha Omicron Pi, 3568 University Street	AV.8-8318
Delta Gamma, 985 Sherbrooke St. West	AV.8-9618
Delta Phi Epsilon, 754 Sherbrooke Street, West	BE.4905
Kappa Alpha Theta, 3511 University Street	AV.8-5860
Kappa Kappa Gamma, 3503 University Street	VI.5-7911
Sigma Delta Tau, 754 Sherbrooke Street West	VI.5-9958

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
A	
AARON JUDITH 25 PERRAULT AVE STE ANNE DE BELLEVUE 6232 DE VIMY AVE MONTREAL QUE	TCH ELEM 1
ABBOTT LEWIS WILLIAM PRESBYTERIAN COLLEGE 383 STEWART ST OTTAWA ONT	B C L 2 VI 9 0141
ABBOTT SMITH CHARLES W 4765 ROSLYN AVE MONTREAL QUE	B SC 3 EL 2342
ABDARAHMAN MUHAMED HARAR ETHIOPIA	B C L 4
ABDULKADIR JEMAL 3547 HUTCHISON ST MTL GORE ILUBABOR ETHIOPIA	MD CM 3 VI 5 3053
ABDURRASLID PRYATNA 3450 DRUMMOND ST APT 33 DJALAN MALURU 10 DJAKARTA INDONESIA	L L M 1 BE 0653
ABER LORD PHILIP GEOFFREY 5005 COTE STE CATHERINE MONTREAL QUE	B SC 4 RE 7 9950
ABER MURRAY 861 ROCKLAND AVE OUTREMONT QUE	B ENG 2 CR 2 4361
ABERRA FELLEKE I E A FORCE BISHOFTN ETHIOPIA	B C L 1
ABMAN ROSE 6 ST HYACINTHE STE ANNE DE BELLEVUE 5174 CASGRAIN AVE MONTREAL QUE	TCH ELEM 1
ABOUD GEORGE 6905 DELAROCHE ST MONTREAL QUE	B SC 4
ABRAHAMS SANDER JOSHUA 4720 VEZINA AVE MONTREAL QUE	P EC 3 RE 1 4787
ABRAHAMS STEPHEN LEWIS 6775 MOUNTAIN SIGHTS AVE MONTREAL 29 QUE	B A 1 RE H 5048
ABRAHIM MOHAMED HAMED 521 PRINCE ARTHUR ST W APT 18 MTL C O HAMID ABRAHIM ASBA TAFARI HARRAR ETHIOPIA	B C L 4 VI 9 0463
ABRAMOVITCH DAN IAN Y M C A 1441 DRUMMOND ST 428A NOTRE DAME ST JOLIETTE QUE	B ENG 2
ABRAMOWITZ MARK JACOB 5774 MCALEAR COTE ST LUC MONTREAL QUE	B C L 1 HU H 5743
ABRAMSON LUCILLE JOAN ROYAL VICTORIA COLLEGE 2 HANNI AVE SIDNEY N Y U S A	B A 3 PL 0495
ABRAMSON MORTON 2185 JOHNSON ST VILLE ST LAURENT QUE	B SC 3 RI 4 3924
ACHARYA PRATAP P 3615 UNIVERSITY ST MTL DILARAM BUILDING QUARRY ROAD MALAD BOMBAY INDIA	B ENG 2
ACHESON MARGARET 208 COTE ST ANTOINE WESTMOUNT QUE	B A 2 WE 7 1469
ACHONG EAMON HARVARD 3493 SHUTER ST MTL 10 KNOX ST PORT OF SPAIN TRINIDAD B W I	MD CM 2
ACHTMAN ABIE 1385 BERNARD AVE APT 3 OUTREMONT QUE	B SC 3 CR 4 4127
ACHTMAN JOE 2675 BEDFORD ROAD APT 18 MONTREAL QUE	B ENG CIV 5 RE 1 0393
ACHTMAN RUTH LEE 5232 BYRON AVE MONTREAL QUE	B A 1 DE 1040
ACKMAN CHARLES FREDRICK 4690 WESTMOUNT AVE WESTMOUNT QUE	MD CM 2 DE 1412
ADAIR ROSS KENNETH 386 ROSLYN AVE WESTMOUNT QUE	B SC 2 WE 7 2548
ADAM GEORGENA DIANNE ROYAL VICTORIA COLLGE 3R KER ST MERRITTON ONT	PHYSIOTH 2 PL 0571
ADAMEK EDWARD GEORGE 223 MELVILLE AVE APT 34 WESTMOUNT QUE	PH D 3 WE 5 8744
ADAMOVICS INTA 63668 CHESTER AVE APT 21 MONTREAL 29 QUE	B A 4 HU H 5125
ADAMS GEORGE ROBERT 23 MURRAY GARDENS POINTE CLAIRE QUE	P ENG 1 OX 5 2893
ADAMS JULIA FRANCES 612 VICTORIA AVE WESTMOUNT QUE	B A 2 EL 7977
ADAMS MARGARET LORRAINE BOX 600 MACDONALD COLLEGE R R 3 ASHTON ONT	B SC H EC 4
ADAMS MARY FRANCES 4970 QUEEN MARY RD APT 7 MONTREAL QUE	B SC 1 RE 7 8214
ADAMS NANCY RUTH 484 PRINCE ARTHUR ST W 1880 LAUREL AVE ST PAUL 4 MINN U S A	M A 2 VI 9 9705
ADAMS THOMAS GREGORY P 138 MARIEVILLE ROAD RICHELIEU QUE	B ENG 1
ADANUVO GERHARD WALTER K 539 PRINCE ARTHUR ST W MONTREAL QUE	B ENG MCH 4 VI 9 4466
ADDINALL MICHAEL BERNARD 3514 HUTCHISON ST APT 14 30 HAWES LANE W WICKHAM KENT ENGLAND	B A 2 VI 5 9858
ADDISON JOHN RUNDLE 1530 BERNARD AVE OUTREMONT QUE	B ENG PHY 5 CR 2 5813
ADDO NEWTON NORMAN KOFI P O BOX 2 BLENGO PEKI GHANA	B SC 4
ADEFRISSEW DEMISSIE M 3557 DUROCHER ST APT 1 P O BOX 399 ADDIS ABABA ETHIOPIA	M S W 2
ADELSON ISRAEL E 3190 KENT AVE MONTREAL QUE	B SC 4 RE 7 8140

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ADER LENA LEAH 2240 GOYER AVE MONTREAL QUE	B SC 1
ADLER ALAN STEVEN 6375 DE VINY AVE MONTREAL QUE	B ARCH 2 RE 7 2211
ADLER HERBERT GODFREY ALLAN MEMORIAL INST MTL 4 BRENTWOOD LODGE 230 HUGO ST WINNIPEG 9 MAN	MED DIPL 1 PL 1251
ADLERSBERG ALEXANDER 5430 CAVENDISH BLVD MONTREAL QUE	B SC 1 DE 0915
ADLEY ALLAN DAVID 3315 RIDGEWOOD AVE MONTREAL QUE	B SC 2 RE 1 0615
ADSHEAD DONNA ANN 1156 GRAHAM BLVD MONTREAL 16 QUE	B SC 2 RE H 6089
AGENSKY NATHAN 4520 PARK AVE MONTREAL QUE	B ENG 2 AV H 4945
AGIUS ANTHONY JULIAN 3440 PEEL ST MTL 4 VICTORIA AVE SLIEMA MALTAGE	PH D 2 BE 7433
AGNES HELEN EMMELINE MACDONALD COLLEGE NEW CARLISLE QUE	TCH INT 2
AGNEW DOUGLAS BYRD 222 MELVILLE AVE WESTMOUNT QUE	B ENG CH 5 WE 5 5775
AHARA PETER WARD 610 LAZARD AVE MONTREAL QUE	B ENG MCH 5 RE H 1207
AHERN JOHN STACK DOUGLAS HALL 1066 MISSION CANYON ROAD SANTA BARBARA CALIF U S A	MD CM 1
AHMED KHALIL 3610 UNIVERSITY ST MTL 6 SULTAN TIPN ST MISEI SHAH LAHORE W PAKISTAN	PH D 2 VI 9 9181
AHMED SYED I 546 MILTON ST APT 1 MONTREAL QUE	M ENG 1 AV H 3085
AIELLO LUCY LITTORIA 12285 O BRIEN BLVD CARTIERVILLE QUE	B A 1 RI H 8946
AIKMAN BRUCE READ 410 PRINCE ARTHUR ST MTL 1225 MAGUIRE AVE SILLERY QUE	B ENG 2
AIKMAN JOHN HOWARD D MACDONALD COLLEGE 1225 MAGUIRE AVE SILLERY QUE	B SC AGR 4
AINSLIE KENNETH RENTON 2150 SHERBROOKE ST W APT 8 MTL MR D R AINSLIE C O SUN LIFE ASSURANCE 2 3 4 COCKSPUR ST LONDON ENG	B SC 1
AIRD ALEXANDER ROSS 3478 MCTAVISH ST MTL 44 BLYTH HILL RD TORONTO 12 ONT	B A 4 PL 7412
AIRD ANN ELIZABETH STEWART HALL MACDONALD COLLEGE 51 CLOUGH ST LENNOXVILLE QUE	B SC H EC 4
AKAI VERNON HUGH 1027 PRUD HOMME AVE MONTREAL 28 QUE	B SC 3 E 1201
AKBAR IMTIAZ Y W C A C O M AKBAR ESQ DEPUTY CHIEF ENGINEER E B RLY CHITTAGONG E PAKISTAN	M S W 1
ALARY ROGER RENE 3484 DUROCHER ST APT 305 R MOUNTAIN ST AYLMER EAST QUE	R ENG CIV 5
ALBRIGHT JESSIE CATHERINE 835 LEDUC ST VILLE ST LAURENT QUE	B A 2 RI 7 5177
ALBU BARBARA JUNE 3460 SIMPSON ST APT 807 MONTREAL 25 QUE	B A 3 WE 3 2244
ALCOCK PETER JOHN O DOUGLAS HALL WOODLANDS WEST AVE LEEDS 8 YORKSHIRE ENGLAND	B ENG MCH 4 BE 0977
ALEONG STANLEY 3430 HUTCHISON ST MONTREAL QUE	B COM 2
ALEXANDER ANDREW BOAK 3653 UNIVERSITY ST MTL 1212 RIVERDALE AVE CALGARY ALTA	B ARCH 2 PL 3073
ALEXANDER BENEDICT F 3484 PEEL ST MTL ST GEORGES NFLD	B ARCH 4 MA 5354
ALEXANDER CHARLES STUART 467 LANSDOWNE AVE WESTMOUNT QUE	B C L 2 WE 5 1710
ALEXANDER DONALD ROSS 290 R R 20 ST BASILE LE GRAND QUE	B ENG 2
ALEXANDER ELIZABETH 3621 OXENDEN AVE MONTREAL QUE	B SC 2 AV H 7745
ALEXANDER JOSEPHINE 467 LANSDOWNE AVE WESTMOUNT QUE	PARTIAL WE 5 1710
ALEXANDER WALTER JAMES 4031 MELROSE AVE MTL 28 524 HAVELOCK ST LANCASTER N B	MD CM 2 EL 4601
ALEXANDOR DAVID FREIMAN DOUGLAS HALL 6R PARK RD ROCKCLIFFE OTTAWA ONT	B A 3 VI 9 6417
ALEXANDOR MICHAEL J B 4855 COTE ST LUC RD MONTREAL QUE	B A 4 DE 0996
ALEXIS RUTH E 3570 SHUTER ST APT 7 MTL BOX 28 CAP HAITIEN HAITI	PHYSIOTH 4 VI 9 8287
ALEXSON MOLLINDA FREDA 1592 PINE AVE W APT 59 2 ROSEDALE AVE ST CATHARINES ONT	B N 2
ALGIE ROBERT MALCOLM MACDONALD COLLEGE BOX 452 STE ANNE DE BELLEVUE QUE	B SC AGR 2
ALI MOHAMMED MR M S CHANDHARI 126A ESSEX ROAD LONDON N 1 ENGLAND	B A 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ALI PHIROSA MACDONALD COLLEGE 4 DON MIGUEL ROAD SAN JUAN TRINIDAD B W I	B SC H EC 2
ALIREZA FAROUK 258 SHERBROOKE ST W MTL 21 BAHGAT ALY PASHA ST CAIRO EGYPT	B ENG 2 BE 7836
ALLAN CHARLES MCCAMMON 5002 PRINCE OF WALES AVE MONTREAL QUE	MED DIPL 2 HU R 6705
ALLAN GEORGE BERNARD 927 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ENG CH 5 RE R 2918
ALLAN HELEN MARGARET 156 BROCK AVE N MTL 7760 SELKIRK ST VANCOUVER 14 B C	B L S 1 DE 3440
ALLAN JOHN WILLIAM 10 ADAM ST MONTREAL QUE	B SC AGR 4
ALLAN RONALD STUART 5244 SARANAC ST MONTREAL QUE	M SC 1 HU R 7440
ALLANACH MARY M 1547 PINE AVE W MONTREAL QUE	PARTIAL WE 7 6011
ALLARD JEAN LOUIS 3484 DUROCHER ST APT 401 MONTREAL QUE	M SC 1
ALLEBONE GARETH EARL 45 12TH AVE ROXBORO QUE	B ENG CH 5
ALLEN ALEXANDER CHARLES PATHOLOGICAL INSTITUTE 144 LOANIAKA WAY MADISON N J U S A	MD CM 3
ALLEN CLIVE VICTOR 5431 MACMAHON AVE MONTREAL QUE	B C L 2 DE 9432
ALLEN GWYNNETH ALICE 1592 PINE AVE W APT 61 32 BAYFIELD ST BARRIE ONT	B N 1
ALLEN JOAN MARGARET ROYAL VICTORIA COLLEGE 11 DALHOUSIE ST HALIFAX N S	PHYSIOTH 5 PL 0829
ALLEN LORNA DEREEN ROYAL VICTORIA COLLEGE 9 AUTENRIETH RD SCARSDALE N Y U S A	B A 2 PL 0334
ALLEN PHYLLIS BEVERLY STEWART HALL MACDONALD COLLEGE 5507 COTE ST ANTOINE RD MONTREAL QUE	B SC H EC 4
ALLEN STEPHEN ROSS 4815 QUEEN MARY ROAD APT 7 MONTREAL QUE	B ENG 2 RE R 5643
ALLESLEV IAN 1595 OUIMET ST APT 15 VILLE ST LAURENT QUE	B ENG 2 RI 7 6104
ALLINGTON KATHLEEN R 1487 CHOMEDEY ST APT 9 45 BEATTY ROAD SOUTHPORT LANCS ENGLAND	M SC 2 WE 3 7261
ALLISMA PEEP 150 PLACE BENOIT APT 2 VILLE ST LAURENT QUE	B ENG 1 RI R 9915
ALLISON STEPHEN VYVYAN 3637 UNIVERSITY ST MONTREAL QUE	B ENG CIV 5 VI 9 1736

NAME ADDRESS	COURSE & YEAR TEL. NO.
ALLMAND WILLIAM WARREN 3802 GIROUARD AVE MONTREAL QUE	B C L 4 HU R 8706
ALLO JAMES FREDERICK JOHN 48 CRESTWOOD AVE MONTREAL WEST QUE	B ENG 1 DE 8090
ALMEY BERYL JOANNE MACDONALD COLLEGE 1040 35TH AVE VILLE LA SALLE QUE	?CH INT 1
ALROD ROBERT HENRY 4578 MICHEL BIBAUD MONTREAL QUE	B SC 4 RE 7 2693
ALTER FRANCES 3600 UNIVERSITY ST MTL 39 DUNCANNON DR TORONTO ONT	M S W 1
ALTER ISABELLE 5400 RANDALL AVE APT 16 MONTREAL QUE	B A 1 HU R 4690
ALTIMAS NORA 213 DRESDEN AVE TOWN OF MT ROYAL QUE	B COM 2 RE 9 1832
ALTINALMAZIS EMMANUEL J 495 PRINCE ARTHUR APT 18 BASILEOS GEORGIOU 173 ALEXANDROUPOLIS GREECE	B ENG EL 4 BE 7684
ALTMAN BERNARD 43828 DE BULLION ST MONTREAL 18 QUE	B ENG 1 AV R 6612
ALTMAN MARVIN 4515 ROYAL AVE MONTREAL QUE	B ENG CH 4 DE 5035
ALTMAN SARINA 1260 EVANS BLVD OTTAWA ONT	B ARCH 4
ALTSHULER JOHN HENRY 3466 MCTAVISH ST MTL 2501 HASTE ST BERKELEY CALIF U S A	MD CM 3 AV R 9533
ALTSHULLER BERNARD 2250 COTE VERTU ROAD VILLE ST LAURENT QUE	B ENG 2 RI 7 9075
ALTSHULLER JOSEPH 2250 COTE VERTU ROAD VILLE ST LAURENT QUE	B ENG 2 RI 7 9075
ALVAREZ MOLINA GUSTAVO A 5687 PARK AVE APT 6 MTL CACA LIC RUBIN ALVARY P O BOX 173 TEQUCEQALPA HONDURAS CENTRAL AMERICA	B SC 1 CR 1 7372
ALVO HAIM 375 GLENGARRY AVE T M R 219 QUEEN OLGA AVE THESSALONIKI GREECE	B ENG MCH 3 RE 3 8527
ALWARD KARIN VICTORIA 1025 GRAHAM BLVD TOWN OF MT ROYAL QUE	B A 1
ALWAY VERN JOHN 1559 MCGREGOR ST APT 12 780 EXMOUTH ST SARNIA ONT	B ENG COM 5
ALZNER EDGAR 7690 SECOND AVE MONTREAL 38 QUE	B ENG 2 RA 7 8306
AMARI ANTHONY JOSEPH 4062 BEACONSFIELD AVE 78 WASHINGTON AVE HAVERHILL MASS U S A	M A 1 EL 6248
AMARON ROBERT ERROL 3451 UNIVERSITY ST MTL ADMASTON ONT	B A 4 BE 0977

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
AMBUSH DEENA CAROLE ROYAL VICTORIA COLLEGE 18 REDWOOD DRIVE ROCHESTER N Y U S A	B A 3
AMEY GERALD XAVIER 4060 TUPPER ST WESTMOUNT 51 COMO ST ALPHINGTON VICTORIA AUSTRALIA	M SC 1 WE 2 8177
AMOS ANTHONY 3583 DUROCHER ST MTL C O J B AMOS ESQ BOX 279 TAKORADI GHANA W AFRICA	B ENG AM 3 AV 8 5220
AMOS DONALDA JUNE 361 DUKE OF KENT AVE PTE CLAIRE QUE	TCH INT 1 OX 7 1297
AMOS PAUL MICHAEL M 459 CLARKE AVE WESTMOUNT QUE	B SC 4 WE 2 2209
AMOS RICHARD WAYNE 4700 RADISSON ST WOODPINE VILLAGE MONTREAL 5 QUE	II ENG 2 CL 6 0733
AMY ROBERT ERNEST 3508 DUROCHER ST MTL 44 ELLICE BEAUHARNOIS QUE	B ENG 2 VI 9 4352
AMYOT EVELYNE JEANNE STEWART HALL MACDONALD COLLEGE P O BOX 373 BAIE COMEAU QUE	TCH INT 1
ANAGNOSTOPOULOS GEORGE ESQUIRE HOTEL MTL CHRISTOY SKAPESOY 7 KAMINIA PIRAYS GREECE	B COM 1 AV 8 4993
ANASTASIADES PETER A G MACDONALD COLLEGE WOOD END BRAMLEY SURREY ENGLAND	B SC AGR 4
ANASTASSIADES PHOEBUS T P O BOX 131 MACDONALD COLLEGE QUE	B SC 3
ANDERS ANTOINETTE E 485 GROSVENOR AVE WESTMOUNT QUE	B A 4 WE 7 4077
ANDERS MARGARET JANE 485 GROSVENOR AVE WESTMOUNT QUE	B L S 1 WE 7 4077
ANDERSEN RICHARD GEORGE DOUGLAS HALL 1232 ESQUIMALT AVE WEST VANCOUVER B C	MD CM 2
ANDERSON CLIFFORD WILFRED 7460 QUEBEC ST APT 14 R R 1 DEMAINE SASK	M SC 2 UN 6 7511
ANDERSON DONALD STUART 112 THORNTON AVE TOWN OF MT ROYAL QUE	B COM 4 RE 8 0528
ANDERSON DOROTHY LOUISE MACDONALD COLLEGE 59 PARK ST W PORT CREDIT ONT	B SC H EC 2
ANDERSON ERIC MAYNARD 1502 MYRON DRIVE PORT CREDIT ONT	B ENG 1
ANDERSON EUGENE CARL 3532 LORNE AVE MTL 2515 PIEDMONT AVE BERKELEY 4 CALIF U S A	MD CM 2
ANDERSON FREDERIC RUSSELL 111 WESTMOUNT AVE TORONTO 10 ONT	M A 2
ANDERSON IRENE 3543 LORNE AVE MONTREAL QUE	B SC 3 VI 9 9892
ANDERSON JAMES ROSS 205 DAWSON AVE DORVAL QUE	M A 1 ME 1 1796
ANDERSON JERRY HERBERT 3466 MCTAVISH ST MTL 410 N BURLINGTON AVE HASTINGS NEBRASKA U S A	MD CM 4 AV 8 9533
ANDERSON JOHN MACFARLANE 205 STRATHEARN AVE MONTREAL WEST QUE	B ENG EL 4 DE 8796
ANDERSON JON STEPHEN 61 OAKLAND AVE WESTMOUNT QUE	B C L 2 DE 2470
ANDERSON MARGOT ELIZABETH MACDONALD COLLEGE 74 STRATHCONA DRIVE TOWN OF MT ROYAL QUE	B SC AGR 1
ANDERSON MARILYN JUNE MACDONALD COLLEGE 155 51ST AVE LACHINE QUE	B SC H EC 3
ANDERSON NAOMI MARGARET 4335 CORONATION AVE N D G MONTREAL QUE	B SC 3 EL 5374
ANDERSON SANDRA MARGARET ROYAL VICTORIA COLLEGE 9 MONKSTOWN ROAD ST JOHNS NFLD	PHYSIOTH 3 PL 0526
ANDRACKI STANISLAW 2267 HINGSTON AVE MONTREAL QUE	PH D 4 EL 6H79
ANDREINI PAUL HENRY 3466 MCTAVISH ST MTL 211 OAK RIDGE AVE SUMMIT N J U S A	MD CM 4 AV 8 9533
ANELIUNAS ALGIS EDWARD 323 SELBY ST APT 4 WESTMOUNT QUE	B ENG CH 4 WE 7 8339
ANGELL HAROLD 4671 PARK AVE APT 12 MONTREAL QUE	PARTIAL VI 9 2036
ANGELL SYLVIA 4373 ESPLANADE AVE 4671 PARK AVE APT 12 MONTREAL QUE	F PARTIAL
ANGLIN BARBARA ISA EL BOX 128 MACDONALD COLL SYDENHAM ONT	M SC 1
ANGUS BROOK ROBERTSON WILSON HALL 561 AVENUE RD TORONTO ONT	B COM 3 RE 0624
ANGUS FREDERICK FORBES 636 ROSLYN AVE MONTREAL 6 QUE	B ENG EL 4 HU 1 1897
ANNAND PETER NORMAN S 3827 OLD ORCHARD AVE N D G MONTREAL QUE	B ENG 2 DE 6471
ANNESLEY JOHN FRANCIS 1 SUNNYSIDE AVE WESTMOUNT QUE	B ENG MCH 4 WE 3 8092
ANNO CHARLYNE ETHEL 3615 LORNE CRES APT 2 827 COLLEGE AVE REDLANDS CALIF U S A	MD CM 2
ANSARI ZAFAR ISHAQ 2054 CITY COUNCILLORS ST 12118 BUNDER ROAD KARACHI PAKISTAN	M A 2 VI 9 0909
ANTENUCCI GIUSEPPI N 1191 BRITANNIA ST PT ST CHARLES QUE	B ENG 2 WE 5 9143

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ANTHONY DESMOND F H 3550 SHUTER ST APT 10 20 21 HAND EN VELDT MAHAICA BRITISH GUIANA	B A 2 PL 0452
ANTOBRE BOATENG EMANUEL 539 PRINCE ARTHUR ST W MONTREAL QUE	B COM 1
ANZARUT EZRA BEN 316 MELBOURNE AVE TOWN OF MT ROYAL QUE	B ENG CH 5 RE R R113
ANZARUT TONY SALIM BEN 316 MELBOURNE AVE TOWN OF MT ROYAL QUE	B ENG EL 4 RE R R113
APEDAILE LEONARD PETER P MACDONALD COLLEGE ISLE MALIGNE QUE	B SC AGR 2
APEN EDWARD MICHAEL 2122 VENDOME AVE WSTMT 2R44 MACKLEM AVE NIAGARA FALLS N Y U S A	MD CM 1
APPLE MORTY R34 STUART AVE OUTREMONT QUE	B C L 1 CR 4 1529
ARAKELIAN MARGARET ANNE ROYAL VICTORIA COLLEGE 61 LAMVILLE AVE BRADFORD MASS U S A	B A 3 PL 0833
ARBESS BARBARA MAPLE ST STE ANNE DE BELLEVUE 5005 PRINCE OF WALES AVE MONTREAL QUE	TCH INT 1
ARBOIT JOAN MARIE 456 PINE AVE W APT 37 343 MARION ST BROOKLYN 33 N Y U S A	MD CM 2 RE R3H2
ARBOUR PETER JOHN 481 PRINCE ARTHUR ST W 535 118TH STREET SHAWINIGAN FALLS QUE	B COM 3 AV R 7773
ARCHAMBAULT GILLES ANDRE 1547 MACGREGOR ST 13 RUE MARQUETTE BAIE COMEAU QUE	B ENG 2
ARCHER ROSLYN ANNETTE ROYAL VICTORIA COLLEGE LOWER FONTABELLE ST MICHAEL BARBADOS B W I	B A 3 PL 0H49
ARCHIBALD ALLEN CLIFFORD 2980 GLENCOE AVE MONTREAL 16 QUE	B ENG 1 RE 7 3433
ARDEN WAYNE HERBERT R47 51ST AVE LACHINE QUE	B A 1 ME 7 3447
ARGLES PAUL MITCHELL 3500 HUTCHISON ST APT 4 MONTREAL QUE	M S W. 3 RE R621
ARGYRAKIS MICHAEL E 4R60 GROSVENOR AVE MONTREAL QUE	B SC 4 EL 7751
ARIFIN HASNOEN 3450 DRUMMOND ST MONTREAL QUE	L L M 1 BE 0653
ARKHURST FREDERICK E 526 MILTON ST MONTREAL QUE	B SC 4 BE 0712
ARMBRUSTER BARRARA IRMA 144 SECOND AVE VILLE LASALLE QUE	B A 1 PO R 2126
ARMOUR JOHN ANDREW 42 CHURCH HILL WESTMOUNT QUE	B SC 4 WE 5 4232
ARMOUR THOMAS ALBERT 6655 TERREBONNE AVE APT 12 MONTREAL QUE	B A 1 EL 2658
ARMSTRONG ARTHUR JAMES R 5209 SHERBROOKE ST W APT 28 MONTREAL 28 QUE	B ENG 1 EL 3590
ARMSTRONG BARBARA ANNE MACDONALD COLLEGE 416 THIRD AVE OTTAWA ONT	B SC H EC 2
ARMSTRONG ERIC WILLIAM BOX 98 MACDONALD COLLEGE 6376 FIELDING AVE N D G MONTREAL QUE	B SC AGR 3
ARMSTRONG GERALD WILLIAM 3484 DUROCHER ST APT 205 3R BROAD ST BROCKVILLE ONT	B ARCH 5 VI 9 R830
ARMSTRONG MARIAN HEATHER MACDONALD COLLEGE DORVAL STATION P O DORVAL QUE	B SC H EC 1
ARMSTRONG PETER JOSEPH 4211 WILSON AVE MONTREAL 28 QUE	B CC 1 DE 4864
ARMSTRONG ROBERT GORDON 4211 WILSON AVE MONTREAL 28 QUE	M A 1 DE 4864
ARMSTRONG WILLIAM D 2177 ST LUC ST APT 10 5 STOURWOOD AVE SOUTHBOURNE BOURNEMOUTH ENGLAND	B COM 1 WE 3 4895
ARNOLD BARRY CHARLES 1460 DECARIE BLVD APT 10 VILLE ST LAURENT QUE	B ENG 2 RI 4 2774
ARNOLD CHARLES BURLE 3466 MCTAVISH ST MTL 1224 NO TACOMA AVE TACOMA 3 WASH U S A	MD CM 2 AV R 9533
ARNOLD JOHN TIMOTHY 7 ROOSEVELT AVE APT 5 TOWN OF MT ROYAL QUE	B A 4 RE 7 4117
ARNOLD NINA PATRICIA H 1460 DECARIE BLVD APT 10 VILLE ST LAURENT QUE	B SC 3 RI 4 2774
ARNOLD STANLEY RICHARD HQ 10TH TAC RECON WG APO 123 N Y N Y U S A	L L M 2
ARONOFF GRACE JOYCE 4040 VENDOME AVE MONTREAL QUE	B A 2 DE 2831
ARONSON NORMAN 3235 APPLETON AVE MONTREAL QUE	B SC 1 RE 3 9560
ARROYO GONZALO CORREA 1855 EAST RACHEL ST MONTREAL QUE	PARTIAL LA 6 5961
ARSENAULT JOSEPH JACQUES 10525 ST FIRMIN ST MTL 1033 CARTIER ST TROIS RIVIERES QUE	B COM 3 DU 7 4227
ARSENEAULT JOSEPH JEAN 579 DUFRESNE ST MONTREAL QUE	B C L 1
ARTHURS DOUGLAS RALPH MACDONALD COLLEGE R R 2 THURSO QUE	AGR DIP
ARTHURS NEVILLE EDISON MACDONALD COLLEGE BLUE CASTLE FARM GEORGES PLAIN P O JAMAICA B W I	B SC AGR 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ARTOLA MANUEL RAMON 32 MALCOLM CIRCLE DORVAL MILANES 36 MATANZAU CUBA	B ENG EL 3 ME 8 7136
ARUNDEL GERALD BRIAN 3777 OXFORD AVE N D G MONTREAL QUE	M A 3 EL 5060
ARVANITAKIS CONSTANTINOS 381 ST CATHERINE ST W 14A VATATZI ST ATHENS GREECE	B SC 1 VI 5 4605
ASANO SHOZO EDWARD 3681 HUTCHISON ST APT 32 MONTREAL QUE	B SC 2 AV 8 0435
ASBURY ELIZABETH ALICE 5711 WESTMINSTER AVE MONTREAL 29 QUE	PHYSIOTH 1 DE 5995
ASBURY GAIL FRANCES 5711 WESTMINSTER AVE MONTREAL 29 QUE	B SC 3 DE 5995
ASCAH ALAN GEORGE 4610 SHERBROOKE ST LACHINE QUE	B ENG 2 ME 7 8803
ASHBY MICHAEL JOHN 489 ARGYLE AVE WESTMOUNT QUE	B COM 4 WE 2 9726
ASHE THOMAS JOSEPH 3563 UNIVERSITY ST MTL 2585 BOSTON ROAD NO WILBRAHAM MASS U S A	D D S 1
ASHENMIL HAROLD WILLIAM 1273 LAJOIE AVE OUTREMONT QUE	B C L 4 CR 2 2126
ASHFIELD JAMES CURRIE 3482 MCTAVISH ST MTL 149 MILLHAVEN AVE LAKESIDE HEIGHTS QUE	B ENG COM 5 PL 1674
ASHKENAZI LESSY 3315 RIDGEWOOD AVE APT 12 MONTREAL QUE	MUS B 2 RE 3 0983
ASHTON JOAN LORNA B 3651 DUROCHER ST APT 8 MONTREAL QUE	B A 3 VI 5 0578
ASHTON PETER JAMES U T C 3508 UNIVERSITY ST MONTREAL QUE	B ENG MCH 4
ASHWORTH JOANNE DELORES 1106 GRAHAM BLVD MONTREAL 16 QUE	B SC 4 RE 8 3278
ASHWORTH MICHAEL ANTHONY 3664 THE BOULEVARD WESTMOUNT QUE	MD CM 1
ASIMAKOPULOS NICHOLAS T 5820 ST LAWRENCE BLVD MONTREAL QUE	B COM 3 CR 2 7800
ASPLER ANTONY SIMON 4865 QUEEN MARY RD APT 35 MONTREAL QUE	B A 3 RE 7 0241
ASTER MARTIN AARON 5210 CLARK ST MONTREAL QUE	B A 2 CR 9 5636
ASTON EDITH PAULINE 320 61ST AVE ABORD A PLOUFFE QUE	PHYSIOTH 3 MU 1 8371
ATCHISON JOHN ROBERT L 481 PRINCE ARTHUR ST W 442 NINTH ST NIAGARA FALLS N Y U S A	B ENG CIV 4
ATCOVITCH PETER ELLVOT 5208 ST LAWRENCE BLVD MONTREAL QUE	B ENG 2 CR 9 8248
ATKIN JOHN ROBERT COLLEGE MILITAIRE ROYAL ST JEAN QUE	PARTIAL
ATKINS ROSEMARY LOUISE 634 PRINCE ARTHUR ST APT 9 MONTREAL QUE	PARTIAL AV 8 3088
ATKINS WILLIAM MICHAEL 5530 COTE ST LUC ROAD APT 22 MONTREAL QUE	B ENG 2 DE 1095
ATKINSON COLIN BERNARD 4878 WESTMOUNT AVE WESTMOUNT 6 QUE	B ENG CH 5 EL 6159
ATKINSON PATRICIA ANNE STEWART HALL MACDONALD COLLEGE NORWOOD ONT	TCH INT 1
ATKINSON RICHARD AGARD DOUGLAS HALL 32 15 41ST STREET LONG ISLAND CITY 3 NEW YORK U S A	MD CM 4 RE 0977
ATLAS BETTY ROYAL VICTORIA COLLEGE 1721 11TH AVE CALGARY ALBERTA	B A 2 PL 0571
ATTENDU MICHEL CLAUDE 8370 ONTARIO ST E APT. 3 MONTREAL QUE	M ENG 1 CL 6 1468
ATTOBRAH GLADYS ANSAH 3557 HUTCHISON ST MTL C O MR M E ANSAH P O BOX 106 ACCRA GHANA W AFRICA	B COM 1 AV 8 4548
ATTOBRAH PETER FREDERICK 3557 HUTCHISON ST MTL P O BOX 29 AKROKERRI GHANA WEST AFRICA	B ENG CIV 3 AV 8 5546
ATTRIDGE HEATHER ISABEL 32 STRATFORD ROAD MONTREAL QUE	B A 1 HU 1 1364
AUBERTIN CLAIRE 7874 DROLET ST MONTREAL QUE	B S W 1 CR 2 3224
AUBIN ROBERT GILLES W 2084 BOURBONNIERE ST MONTREAL QUE	B SC 2 LA 6 3471
AUBRY JOSEPH CHARLES Y 4888 JEANNE MANCE ST MTL 28 VILLENEUVE CHICOUTIMI QUE	B ENG EL 3 CR 6 9351
AUCLAIR ALLAN MORRIS 2039 MCGILL COLLEGE AVE APT 8 MONTREAL QUE	B ENG MI 5 AV 8 6811
AUDET ROGER MARCEL 3647 UNIVERSITY ST MTL 42 FANWAY AVE BRISTOL CONN U S A	B ENG MCH 3 VI 9 2806
AUDLEY JOHN CHRISTOPHER BRITTON HALL MACDONALD COLLEGE 58 PACIFIC ROAD SENNEVILLE QUE	AGR DIP 2
AUERBACH ARNOLD 705 QUERBES AVE MONTREAL QUE	B ENG 1 CR 2 8987
AUERBACH DAVID HILLEL 4935 QUEEN MARY RD APT 25 MONTREAL QUE	B A 3 RE 7 3972
AUGER JEAN EDOUARD 3540 HUTCHISON ST MTL 125 ST GEORGE ST PRINCEVILLE QUE	B ENG EL 4 VI 9 0611
AULIS LORRAINE RUTH MACDONALD COLLEGE C O MR R W RACICOT BOX 458 COATICOOK QUE	TCH ELEM 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
AUSTER HENRY 5326A ST URBAIN ST MONTREAL QUE	B A 2 CR 9 9360
AUSTIN CHARLES TAIT 3478 MCTAVISH ST MTL 132 KINGSMOUNT BLVD SUDBURY ONT	B ENG MCH 4 PL 7412
AUSTIN JOHN HALLOCK 4650 PLAMONDON ST MONTREAL QUE	MD CM 4
AUSTIN RICHARD JACKSON 4355 WILSON AVE MTL 1R ALDBURY GDNS TORONTO 12 ONT	B ENG 1 HU 1 3716
AUSTON DAVID HENRY 447 MT STEPHEN AVE WESTMOUNT QUE	B SC 1 WE 5 4351
AUSTON JOHN SANDERS 447 MT STEPHEN AVE WESTMOUNT QUE	M SC 1 WE 5 4351
AU YEUNG WING TO WINTON 542 SHERBROOKE ST W RM 9 415 JAFFE ROAD 2ND FLOOR WANCHAI HONG KONG	B ENG 1 BE 0318
AXELRAD PETER FRED 769 STUART AVE OUTREMONT QUE	B A 1 CR 1 2982
AXELROD MARLENE 4993 GROSVENOR AVE MONTREAL QUE	B A 3
AYERS WALLACE MORGAN 1190 MOUNTAIN ST APT 2 529 WEST 158 ST APT 1D NEW YORK N Y U S A	D D S 4 UN 1 2096
AYIVOR GABRIEL KODZOVI DOUGLAS HALL 3851 UNIVERSITY ST MONTREAL QUE	B SC 4 BE 0977
AYOUB LEONARD PAUL 5779 DEOM AVE MONTREAL QUE	B ENG 2 RE R 9883
AYRE DONALD EDWARD 3300 RIDGEWOOD AVE APT 24 MTL 3590 CRYSTAL VIEW COURT MIAMI FLORIDA U S A	M A 4 RE 1 0562
AYRTON WILLIAM GREY 545 PRINCE ARTHUR ST APT 13 MONTREAL QUE	B SC 3 RE 3873
AZAN YULANDA MICHAEL ROYAL VICTORIA COLLEGE SPALDINGS P O JAMAICA B W I	B A 2 PL 0634
AZAR JOSEPH GORDON 3590 RIDGEWOOD AVE MTL 35 RIGBY ROAD SYDNEY N S	B ENG CIV 3 RE R 0892
AZAR MATEEL S 418 PINE AVE W APT 7 MTL 47A HOPE ROAD HALF WAY TREE P O JAMAICA	MD CM 4 VI 9 4880
AZEEZ MOHAMED ABDU MACDONALD COLLEGE 370 PAKISTAN QUARTERS KARACHI PAKISTAN	GRAD QUAL 1
AZOULAY HAROLDE HESSE 1501 DUCHARME AVE OUTREMONT QUE	B ENG 2
AZOULAY MONA VIVIAN 1501 DUCHARME AVE MONTREAL QUE	TCH ELEM 1 CR 7 3993

B

NAME ADDRESS	COURSE & YEAR TEL. NO.
BAARS CORNELIUS MARIA A 6180 NELLIGAN APT 21 MONTREAL QUE	M SC 2
BAATZ PAUL ORMONDE 4801 VICTORIA AVE MONTREAL QUE	B A 1 HU 1 1583
BABARIK NANCY ROSE ROYAL VICTORIA COLLEGE 480 DREW ST OSHAWA ONT	PHYSIOTH 2 PL 0492
BABKIN ALEXANDER 2065 MAPLEWOOD AVE MONTREAL QUE	B ENG MCH 3
BACAL HOWARD ATHOL 3610 LORNE CRESCENT APT 4 MTL 4636 STANLEY WEIR MONTREAL QUE	MD CM 4 VI 9 2552
BACH GLEN GORDON 4895 BORDEN AVE N D G MONTREAL QUE	PH D 3 HU R 3204
BACK MARGARET HELEN 4300 DUPUIS AVE APT 8 MONTREAL QUE	PH D 3
BACON GARY FRANCOIS 41 PINE AVE W APT 4 MTL 1685 UNIVERSITY DRIVE SAN JOSE 26 CALIFORNIA U S A	MD CM 1
BACON JOYCE AUDREY 3400 RIDGEWOOD AVE MTL 5781 LASALLE BLVD VERDUN QUE	GR N CERT 1 RE 7 1855
BACON MARY ELLEN ADELAIDE 26 WAVERLEY ROAD PTE CLAIRE QUE	TCH INT 1
BACON MERLYN RALPH DOUGLAS HALL DEEP BROOK ANNAPOLIS COUNTY N S	B ARCH 1
BACZEK EDWARD JOHN 3484 PEEL ST MTL 767 CANNON ST E HAMILTON ONT	B ARCH 2 VI 9 5354
BADGER BRYAN HALL 685 WOODWARD SHERBROOKE QUE	B ENG 2
BADOUR WILLIAM GEORGE 3801 BARCLAY AVE APT 7 MONTREAL QUE	B A 2 RE 3 3360
BAGAN LIONEL JASON 460 BROOKFIELD AVE MONTREAL 16 QUE	B C L 2 RE R 6862
BAHADURSINGH JOHN D 24 VIDALE ST PORT OF SPAIN TRINIDAD B W I	B A 1
BAHYRYCZ GEORGE STANISLAS 5574 BASILE PATENAUDE APT 3 MONTREAL QUE	PH D 2
BAI SAROJA 2060 METCALFE ST MONTREAL QUE	D P H 3 VI 5 2200
BAILEY BASIL VERNON 2015 MCGILL COLLEGE AVE APT 18 MONTREAL QUE	B SC 1 PL 0232
BAILEY DAVID WHITNEY 456 PINE AVE W APT 11 BOX 37 RIVER ST NORWELL MASS U S A	MD CM 4 VI 5 9677

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BAILEY HARVEY ROY DOUGLAS HALL 35 BEECH ST W SUDBURY ONT	B ENG CIV 4 PL 2090
BAILEY PHYLLIS ELAINE 574 KINDERSLEY MONTREAL QUE	M A 1 RE 3 8439
BAILEY ROBERTA CATHERINE MACDONALD COLLEGE HIGHWATER QUE	TCH ELEM 1
BAILEY RONALD ALBERT 1477 CHOMEDEY ST APT 2 918 STRATHCONA ST WINNIPEG MAN	PH D 2 WE 7 4794
BAILLIE MARY AIRD ROYAL VICTORIA COLLEGE 38 SPRUCESIDE AVE HAMILTON ONT	B A 3 PL 0477
BAIN ALAN JAMES TOCHER 255 GLENGARRY AVE TOWN OF MT ROYAL QUE	B SC 4 RE 8 1980
BAIN STEWART WILLIAM 1575 SUMMERHILL AVE APT 409 MONTREAL QUE	B ENG 2 WE 3 4864
BAIR KEITH EROL 2066 MANSFIELD ST MTL 6 LYNDHURST CRESCENT CROSS ROADS P O JAMAICA B W I	B SC 2 PL 0853
BAIRD JEANETTE ANNE 5665 QUEEN MARY RD MONTREAL QUE	B SC 1 HU 1 5926
BAIRD PETER WESLEY 5175 PATRICIA AVE N D G MONTREAL QUE	B ENG MCH 4 HU 1 8005
BAIRD RUTH EILEEN MACDONALD COLLEGE 514 RAY ST OTTAWA 4 ONT	B SC H EC 3
BAKER ALLAN RONALD BOX 428 STE ANNE DE BELLEVUE QUE	B ENG MCH 4
BAKER ANN LILLIS MACDONALD COLLEGE PHILLIPSBURG QUE	TCH INT 1
BAKER WILLIAM JAMES 70 JEFFERSON AVE VALOIS QUE 1 GRAHAM ST COPPERCLIFF ONT	TCH INT 1 OX 7 0306
BALAZS ANNE MARIE 1452 BISHOP ST APT 9 MONTREAL QUE	B ARCH 4 RE 5957
BALE CECIL GORDON 1560 MCGREGOR ST MTL 2015 FRANKLIN AVE NIAGARA FALLS ONT	PH D 2
BALL JAMES GIBSON 62 LUCERNE AVE VALOIS QUE	B ENG 1 OX 5 9697
BALL NELSON ERNEST MACDONALD COLLEGE R R 1 NORTH SYDNEY N S	B SC AGR 4
BALLANTYNE ELIZABETH MARY 33 FORDEN AVE WESTMOUNT QUE	B A 2 WE 5 3060
BALLANTYNE JUDITH ANN 5522 RANDALL AVE COTE ST LUC QUE	B A 2 DE 9205
BALLENTYNE ALFRED A 2060 METCALFE AVE MONTREAL QUE	B A 3 VI 9 0387
BALLON JUDY LINDA 4687 BONAVISTA AVE MONTREAL QUE	B A 3 EL 7667
BALTAS LEONIDAS 9905 JEANNE MANCE ST MONTREAL QUE	B ENG CH 5 DU 7 9750
BALTZAN RICHARD B 3484 DUROCHER ST APT 311 219 SASK CRES W SASKATOON SASK	MD CM 3 AV 8 0575
BANBURY JOSEPH TREMLETT MACDONALD COLLEGE BRIGHTON ONT	B SC AGR 2
BANCROFT JUDITH ANNETTE ROYAL VICTORIA COLLEGE 83 HAMILTON ST HAMILTON NEW YORK U S A	B SC 4 PL 0526
BANERJEE SAMIR KUMAR 3600 UNIVERSITY ST MTL 117 AKHILMISTRY LANE CALCUTTA 9 INDIA	PH D 2 AV 8 6307
BANKS GEORGE JR 1500 ST CROIX VILLE ST LAURENT QUE	B ENG MCH 4 RI 4 1662
BANKS GORDON WALTER 1835 ST GERMAIN BLVD VILLE ST LAURENT QUE	B ENG 2 RI 7 4561
BANNERMAN EDNA MAE 3420 KENSINGTON AVE MONTREAL QUE	B SC P ED 4 EL 4724
BANWELL BARBARA ANN MCLENNAN HALL 1R 1 2 THOMAS ST ST CATHARINES ONTARIO	PHYSIOTH 3 PL 0044
BARAKETT EDWARD JOHN 45 WILLOWDALE AVE OUTREMONT QUE	B COM 3 RE 8 3104
BARAKETT RAYMOND 45 WILLOWDALE AVE MONTREAL QUE	B C L 3 RE 8 3104
BARAMKI GABRIEL ANTONE 3552 SHUTER ST APT 5 MTL RAMALLAH BIRCH JORDAN	PH D 2
BARAN DANIEL 2863 HOLT ST MONTREAL 36 QUE	B A 2 RA 2 1320
BARATH FRANK TIBOR 3910 LINTON AVE APT 4 MONTREAL QUE	B ENG PHY 5 RE 3 0848
BARBARUSH NORMAN 3700 BARCLAY AVE APT 6 MONTREAL QUE	B ENG 1 RE 7 2137
BARBER BRENDA LORRAINE SHAWVILLE QUE	TCH ELEM 1
BARBOUR DOUGLAS FLEMING 66 DUFFERIN ROAD HAMPSTEAD QUE	B ENG 1 HU 9 1876
BARCILON ALBERT ISRAM C 5013 GROSVENOR AVE MONTREAL QUE	B ENG PHY 3 RE 1 4162
BARCILON VICTOR NESSIM 5013 GROSVENOR AVE MONTREAL QUE	B ENG 2 RE 1 4162
BARCLAY JANET ANDERSON 92 DUPONT AVE CHATEAUQUAY HEIGHTS QUE	B SC 2 OL 7 6869
BARD NEHENBERG MADELEIN 3478 PARK AVE APT 4 MONTREAL QUE	MUS B 2 V
BARDANA EMIL JOHN 2122 VENDOME AVE WSTMT 101 03 39TH AVE CORONA 68 LONG ISLAND N Y U S A	MD CM 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BARIAK SONIA FLORENCE 6412 SHERBROOKE ST W APT 10 MONTREAL QUE	TCH INT 1 HU A 8626
BARIK HENRI CHARLES 542 PRINCE ARTHUR ST W APT 5 MTL C O R RENVILLE 5240 BROADWAY AVE APT 6C NEW YORK 63 N Y U S A	B A 4 VI 5 9827
BARKOFF ARNOLD DAVID 653 ROSLYN AVE WESTMOUNT QUE	B A 2 DE 2634
BARKOVSKY WILLIAM JACOB MACDONALD COLLEGE 25 VICTORIA ST ST CATHARINES ONT	B SC P ED 1
BARLOW ANDREA CAROL 3578 VENDOME AVE MONTREAL QUE	B A 1 HU A 5889
BARLOW JUDITH ANN 3578 VENDOME AVE MONTREAL QUE	B SC 4 HU A 5889
BARNARD MARTIN JAMES E MACDONALD COLLEGE ORANGE HILL ESTATES ST VINCENT B W I	B SC AGR 2
BARNARD SYLVIA EVANS ROYAL VICTORIA COLLEGE PATTEN ROAD SHELBURNE FALLS MASS U S A	B A 3 PL 0147
BARNES EDWARD ALAN 3481 GRANDE ALLEE MACKAYVILLE QUE	OR 1 4528
BARNES ELIZABETH JEAN MACDONALD COLLEGE 55 OXFORD ROAD BAIE D URFEE QUE	B SC H EC 4
BARNETT ANNE ELIZABETH 4418 OXFORD AVE MONTREAL 28 QUE	B A 3 EL 6635
BARNETT FREDERICK GAVIN 3473 UNIVERSITY ST MTL 1618 GALT AVE MONTREAL 20 QUE	B D 3 VI 9 4902
BARR DONALD JOHN S MACDONALD COLLEGE BOX 220 CAYUGA ONT	B SC AGR 2
BARRADOS JOHN PATRICK V 7620 23RD AVE MONTREAL 38 QUE	B COM 4 RA 2 6651
BARRIE PATRICIA JEAN MACDONALD COLLEGE ONTARIO HOSPITAL SCHOOL ORILLIA ONT	B SC H EC 1
BARRIE WALLACE ALEXANDER 3474 MCTAVISH ST MTL 24 DUNBAR AVE CORNWALL ONT	B ENG 2
BARRON JOHN ROBERT APT 2A MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 1
BARTH FRED WILLMORE 80 PINE AVE W APT 107 17 DEBARY APTS WINNIPEG MAN	PH D 4 AV A 3315
BARTOK MARIA 5409 GROVEHILL PLACE MONTREAL QUE	B A 1 HU A 6476
BARTOLINI ANGELO EDWARD 6015 MARCEAU AVE STE GENEVIEVE DE PIERREFONDS QUE	M A 4 RA 2 4511
BARTON JOHN STAFFORD 3625 OXENDEN AVE MTL 18 ROXBOROUGH APTS APT 16 OTTAWA ONT	VI 5 5893
BARTON RICHARD DONALD 4515 PRINCE OF WALES AVE MONTREAL QUE	B SC 3 HU 1 5439
BARTRAM BEVERLEY FRANCES 3507 MOUNTAIN ST MONTREAL QUE	M S W 1 VI 9 3892
BARZA MICHAEL JACOB 627 CARLETON AVE WESTMOUNT QUE	B SC 2 DE A321
BARZA REISHA 548 COTE ST CATHERINE RD OUTREMONT QUE	B A 3 CR 7 0931
BASHANT GORDON HOWARD 406 PINE AVE APT 11 111 DICKINSON ST UTICA N Y U S A	MD CM 3 PL 2002
BASS PAUL 2725 DARLINGTON PL APT 32 MONTREAL QUE	RE 1 2629
BASSEL ROSLYN 6940 CHESTER AVE N D G MONTREAL QUE	TCH ELEM 1 HU 1 1674
BASTIEN JEAN MARC 3525 STE FAMILLE ST MONTREAL QUE	B SC 3 AV A 2079
BASTIEN REMI 306 SHERBROOKE ST E MONTREAL QUE	B ENG 1 VI 5 6434
BATA JUDITH EVE 5612 CANTERBURY AVE MONTREAL QUE	PH D 2 RE 3 1954
BATALION HYMAN 71 MARIE ANNE WEST MONTREAL QUE	MD CM 1 BE A718
BATCHELOR GEORGE HENRY 107 NORMANDY DRIVE TOWN OF MT ROYAL QUE	MD CM 1 RE 3 5137
BATES DAVID VINCENT 470 PORTLAND AVE TOWN OF MT ROYAL QUE	PH D 2 RE 7 2696
BATES RICHARD ROBERT 3440 RIDGEWOOD AVE APT 4 P O BOX 231 LAKE FOREST ILLINOIS U S A	MD CM 4 RE 1 2022
BATIST NANCY RUTH 4575 ST KEVIN ST MONTREAL QUE	B SC 1 RE 3 3268
BATULA LUBOV LOIS MACDONALD COLLEGE 210 SAURIOL AVE W MONTREAL QUE	TCH INT 1
BAUDOUIN JEAN LOUIS 5560 DUROCHER ST MONTREAL QUE	B C L 3 CR 7 0202
BAUER GILA 3470 RIDGEWOOD AVE MONTREAL QUE	RE 1 6547
BAULU PATRICIA 3158 FENDALL AVE MONTREAL 26 QUE	B SC 1 RE A 7284
BAUM ESTHER IDA 3976 MAPLEWOOD AVE MONTREAL QUE	B SC 2 RE A 7671
BAUMFELD ARMINDA 4635 VAN HORNE AVE MTL RUA DUVIVIER 37 APT 812 RIO DE JANEIRO BRASIL	M S W 1 RE 3 0674

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BAUMGARTEN GEORGE 752A QUERBES AVE OUTREMONT QUE	B ENG 1 CR 6 3415
BAUSLAUGH PHILIP GARY 79 SIMCOE AVE TOWN OF MT ROYAL QUE	B SC 1 RE 7 6249
BAXTER WILSIE SINCLAIR 6R BELVEDERE RD WESTMOUNT QUE	PARTIAL WE 2 3344
BAYER MAX 1360 BERNARD AVE W APT 5 OUTREMONT QUE	B COM. 4 CR 6 2144
BAYNE GERALD ALEXANDER 2720 RUE GOYER APT 1 MONTREAL 26 QUE	M ENG 1 RE H 2175
BAZIN JOHN 3307 48TH AVE VERNON B C	B ENG EL 4
BEACH ALBERT MANSFIELD 1523 RICHMOND ST LONDON ONT	MED DIPL 4
BEACOM STANLEY ERNEST APT C21 MACDONALD COLL C O EXPERIMENTAL FARM MELFORD SASK	PH D 2
BEALL GEORGE HALSEY 327 ROSLYN AVE MONTREAL 6 QUE	M SC 2 WE 7 3408
BEAMISH CHARLES BROUSE 2100 CLAREMONT AVE ATL KEMPTVILLE ONT	D D S 4 HU 1 0740
BEAN GERARD WENTWORTH WILSON HALL SHELLY BAY HAMILTON PARISH BERMUDA	B SC 2 BE 0624
BEAN JULIA BETTY 7873 BIRNAM ST MONTREAL QUE	TCH ELEM 1 CR 2 0669
BEAN RUTH ELAINE 3459 DRUMMOND ST APT 10 10 SPETZ ST KITCHENER ONT	H L S 1 RE 0653
BEATTIE DOROTHY CATHERINE MACDONALD COLLEGE 3 MCNEIL AVE ORMSTOWN QUE	TCH INT 1
BEATTY ERROL BRUCE DOUGLAS HALL 18 WINNIPEG AVE PORT ARTHUR ONT	H ENG 1
BEATTY SANDFORD WILLIAM MACDONALD COLLEGE 92 EDITH DRIVE TORONTO ONT	B SC AGR 1
BEAUBIEN NAN BOWLES 645 DOLLARD BLVD OUTREMONT QUE	B A 4 CR 1 4482
BEAUCHAMP ERIC GERALD MACDONALD COLLEGE ST PHILIPPE D ARG QUE	B SC AGR 2
BEAUCHAMP VERNA JEAN MACDONALD COLLEGE ST PHILIPPE D ARGENTEUIL QUE	TCH INT 1
BEAUCHEMIN PIERRE 4334 WESTMOUNT AVE WESTMOUNT QUE	B ENG CIV 3 WE 3 4407
BEAULIEU GUY 5760 A DE VIMY MONTREAL QUE	PH D 1 RE 3 7698
BEAULIEU RODOLPHE MONTREAL GENERAL HOSP 249 ST FRANCIS ST EDMUNDSTON N B	MED DIPL 1
BEAUPRE GIL IVAN 5938 LOUIS HEMON MONTREAL QUE	B C L 4 RA H 3862
BEAUREGARD MARC RENE 3790 VENDOME AVE MONTREAL QUE	B C L 2 HU 1 9896
BEAUREGARD WILLIAM LIONEL 3995 MAPLEWOOD AVE APT 2 MONTREAL QUE	MD CM 4 RE 7 8693
BEAUSANG MICHAEL PATRICK 4745 GROSVENOR AVE MONTREAL QUE	B A 3 HU 8 5967
BEAVAN RONALD PAUL 2240 CAMBRIDGE RD MONTREAL 16 QUE	B SC 3 RE 3 7378
BECK SUSANNE ELIZABETH 2202 BARCLAY AVE MONTREAL QUE	B A 3 RE 1 0931
BECK SYBIL COURTICE 572 LANSDOWNE AVE WESTMOUNT QUE	B A 4 EL 6184
BECK URSULA GRANT 3585 COTE DES NEIGES APT Q MONTREAL QUE	M A 1 WE 3 1671
BECKER ALEXANDER 452 BALL AVE MONTREAL QUE	B ENG PHY 5 CR 6 7870
BECKER DONNIE MIRIAM 4850 JEAN BRILLANT ST MONTREAL QUE	B A 2 RE 8 7469
BECKER LONA RUTH ROYAL VICTORIA COLLEGE MONTREAL QUE	PHYSIOTH 2 PL 0327
BECKER ROBERT EDMOND 3535 DUROCHER ST APT 89 MONTREAL QUE	MD CM 2 AV 8 2870
BECKER WERNER FRED KLAUS 8035 ULOOMFIELD AVE APT 2 MTL 4 HASEN MARK BERLIN SPANDAN GERMANY	MED DIPL 2 CR 9 4412
BECKERMANN MICHAEL FRANZ 65 PRINCE ARTHUR W MTL 11 MITTELWEG HAMBURG W GERMANY	B ENG 2 BE 4016
BECKFORD GEORGE LESLIE F MACDONALD COLLEGE P O 40 WESTMINSTER ROAD HALF WAY TREE JAMAICA B W I	B SC AGR 4
BEDFR DOUGLAS STANLEY 7522 GUELPH RD COTE ST LUC MONTREAL QUE	B SC 1 HU 1 2626
BEDFORD FREDERICK WARREN 205 CHAUSSE ST ST JEAN QUE	M SC 1
BEDFORD NORMAN STANLEY 4755 ST KEVIN AVE APT 4 MONTREAL QUE	B ENG CIV 3 RE 3 0254
BEDOUKIAN MARJORIE CLARK 3461 HORTON AVE MONTREAL QUE	M S W 2 WE 3 2267
BEECH MURRAY EYRE 1571 CARDINAL ST VILLE ST LAURENT QUE	H A 4 RI 4 2542
BEELER BYRON ELLERY MACDONALD COLLEGE UPPER CANARD KINGS CO N S	B SC AGR 4

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BEERS DEBORAH ANN MACDONALD COLLEGE 304 QUEBEC ST SHERBROOKE QUE	TCH ELEM 1
BEGIN LAVAL 294 SHERBROOKE ST W MTL 111 CHAMPLAIN ST HULL QUE	B ENG CIV 5 VI 9 0001
BEHAR GERARDO GUISTINO ABIDE I HURRIYET ST SIZLE NO 121 5 ISTANBUL TURKEY	B ENG 2
BEHMER MECHTHILD MARIA 440 MT STEPHEN APT 9 WESTMOUNT QUE	B L S 1 WE 7 2645
BEHR SIMON HYMAN 3420 PEEL ST MTL P O VERENA BRONKHORSTSPRUIT TRANSVAAL S AFRICA	M SC 1 BE 7H43
BEHRMANN JOHN ALBERT 475 PINE AVE W MTL 240 HAMILTON PLACE HACKENSACK N J U S A	D D S 2 BE 4270
BEINHAKER ELINOR 43 PERREAULT STE ANNE DE BELLEVUE 4951 GLENCAIRN MONTREAL QUE	TCH ELEM 1
BEIQUE ANDRE 495 PRINCE ARTHUR ST MTL 94 7E AVE GRANDMERE QUE	B ENG 1 BE 76H4
BEIQUE MICHAEL GEORGE 1567 MCGREGOR ST MTL DONNACONA QUE	B A 2 WE 2 5560
BEKHOR EDWARD 2400 DECELLES AVE VILLE ST LAURENT QUE	B ENG 1 RI 4 6803
BELAIR ROGER EDWARD 8021 GARNIER ST MONTREAL QUE	B ENG EL 3 RA H 2705
BELANGER ANDRE JACQUES 19 GLENCOE AVE MONTREAL 8 QUE	B COM 3 RE H 7227
BELANGER MICHEL HENRI 21 BELLEVUE WESTMOUNT QUE	B ENG CIV 3 CR 3 6123
BELANGER NICOLE J ROYAL VICTORIA COLLEGE 74 BRONSON AVE OTTAWA ONT	B A 4 PL 0147
BELANGER PIERRE ROLLAND 21 BELLEVUE WESTMOUNT QUE	B ENG PHY 4 RE 7 2012
BELCOURT JOHN DAVID 43 RARAT ROAD WESTMOUNT QUE	B ENG CIV 4 WE 2 0744
BELCOURT SUSAN ANNE ROYAL VICTORIA COLLEGE 125 WILLINGDON ROAD ROCKCLIFFE OTTAWA ONT	B A 1 VI 9 0993
BELEC JOHN CLAUDE 275 4TH AVE VILLE LASALLE QUE	B ENG 2 PO H 6196
BELENKIE EDITH 5380 JEANNE MANCE ST MONTREAL QUE	B A 4 CR 1 6009
BELEVETZ DAVID ROGER 3851 UNIVERSITY ST MTL 21 LONG MEADOW DRIVE WOLCOTT CONN U S A	MD CM 4 VI 5 1700
BELINSKY MORTON MORRIS 1120 LAJOIE AVE APT 9 MONTREAL QUE	B SC 2 CR 9 0690

NAME ADDRESS	COURSE & YEAR TEL. NO.
BELITSKY PHILIP 4755 BOUCHETTE ST COTE DES NEIGES MONTREAL QUE	B A 3 RE 8 7442
BELITZKY DONNA 6222 DE VIMY AVE MONTREAL QUE	B A 1 RE 3 4359
BELL DONALD ERRETT 3655 STE FAMILLE ST APT 83 MTL 24 WINNIFRED ST SMITHS FALLS ONT	D D S 2 AV 8 2854
BELL MYRA 69 3RD BLVD TERRASSE VAUDREUIL QUE	TCH KIND 1
BELLAND KEN DOUGLAS 4330 SHERBROOKE ST WEST APT 2 MONTREAL QUE	B COM 1 WE 3 9855
BELLEFLEUR NORBERT GILLES 6663 IBERVILLE ST MONTREAL QUE	B ENG CH 4 RA 2 3602
BELSON CHARLES ROBERT 15 CHESTER AVE VALOIS QUE	B ENG 1 OX 5 5719
BENAIM SHIRLEY YVONNE 1155 SECOND AVE VERDUN QUE	MD CM 1 PO 9 5268
BENJAMIN ANNABEL 4917 FULTON AVE MONTREAL QUE	EDUCATION 1 RE H 3465
BENJAMIN MARTHA LOUISE 720 ABERDARE ROAD MONTREAL 16 QUE	M L S 2 RE 7 3963
BENKO ATTILA 4068 TUPPER ST MONTREAL QUE	B COM 3 WE 5 7112
BENN FREDERICK WILLIAM 4H00 CEDAR CRESCENT MONTREAL 26 QUE	B C L 3 RE 8 5987
BENNETT JOHN DRYDEN 2R9 GREEN ST ST LAMBERT QUE	B SC 4 OR 1 7467
BENNETT MICHAEL F ROYAL VICTORIA HOSPITAL MONTREAL QUE	MED DIPL 2
BENNETT MICHAEL HENRY 77 PARK AVE OAKVILLE ONT	B COM 1
BENNETTS RICHARD JAMES 22 DE CASSON RD WESTMOUNT QUE	B A 4 WE 3 3936
BENNS BESSIE GEORGINA MACDONALD COLLEGE 134 MCGILL ST TRENTON ONT	B SC AGR 4
BENOIT NORMAN MICHAEL 5745 17TH AVE APT 3 MONTREAL 36 QUE	B ENG PWR 5 RA 1 3171
BENSON BERNARD ROBERT 5992 DOLBEAU ST MONTREAL QUE	H C L 3 RE 1 0255
BENSON DAVID GWYN 3644 ONTARIO AVE APT 22 UPPER DERBY NORTHUMBERLAND CO N B	PH D 3 AV 8 0276
BENTHAM WILLIAM HARRY 3551 UNIVERSITY ST MTL P O BOX 318 THORNHILL ONT	MED DIPL 2 VI 9 5064
BENTKOWSKI RAYMOND JAMES 520 MARLATT ST VILLE ST LAURENT QUE	B SC 2 RI 4 3635

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
BENTLEY KENNETH CHESSAR 586 SMART AVE COTE ST LUC QUE	HU 9 1689	D D S 4
BENTLEY PHILIP ALDEN BOTANY DEPT MCGILL R R 1 BERWICK N S		M SC 1
BENTON CORNING 3281 FOREST HILL AVE APT 3 MTL BOX 328 EXETER NEW HAMPSHIRE USA	RE 7 4812	MD CM 3
BENZACAR DENISE EMMA ROYAL VICTORIA COLLEGE 5303 KING EDWARD AVE MONTREAL 29 QUE		B SC 4
BERAZNIK ELEANOR H F 5002 JEAN BRILLANT ST MONTREAL QUE	TCH ELEM RE 7 8152	1
BERAZNIK HYMAN 5002 JEAN BRILLANT ST MONTREAL QUE		B COM 4
BERCOVITCH DAVID DANNY 716 DE L EPEE AVE APT 7 OUTREMONT QUE	CR 6 1124	MD CM 4
BERCOVITCH DAVID LEANORD 5155 TRANS ISLAND AVE MONTREAL QUE	DE 9181	B ENG 2
BERCOVITCH MONA RHEA 164 SPRINGGROVE CRESCENT MONTREAL QUE	CR 4 0420	B A 2
BERCOVITCH SAMUEL 3225 LINTON BLVD APT 12 MONTREAL QUE	RE R 5967	B SC 2
BERCOVITZ RENA 4576 JEANNE MANCE ST MONTREAL QUE	TCH ELEM VI 9 5725	1
BERCUSON MARGERY FRANCES 6207 MACDONALD AVE MONTREAL QUE	RE R 4654	B COM 1
BERENYI YULIKA 4961 BARCLAY AVE MONTREAL QUE		B A 1
BERES JUDITH ORAH 4501 DECARIE BLVD MONTREAL 29 QUE	HU R 5696	B SC 2
BEREZNY JOHNNY 7764 CENTRALE ST VILLE LA SALLE QUE	PO R 7365	B ENG CH 4
BERG ELISABETH MARIA 95 CLOVERDALE AVE DORVAL QUE	ME 1 3945	B ENG 1
BERG IAN STANLEY ALLAN MEMORIAL INSTITUTE 1025 PINE AVE WEST MONTREAL QUE		MED DIPL 1
BERGEL ALEXANDER JAMES 893 HOWARD AVE MONTREAL QUE	CR 4 2920	B ENG MCH 4
BERGER ARLENE 3175 LINTON AVE APT 8 MONTREAL QUE	TCH ELEM RE 1 6178	1
BERGER BENNY 3071 ST URBAIN ST MONTREAL QUE	PL 7547	B C L 1
BERGER EMIL MTL NEUROLOGY INSTITUTE 3563 DUROCHER ST APT 6 MONTREAL QUE	MED DIPL PL 1251	4
BERGER ESTHER 5855 SQUART AVE APT 8 MONTREAL QUE	RE 3 6076	MUS B 2
BERGERON IVAN PIERRE M 3270 GOYER ST MONTREAL QUE	RE 7 6209	B ENG EL 3
BERGMAN MAURICE 53 MCNIDER AVE MONTREAL QUE	CR 9 3660	B ARCH 5
BERGMAN STANLEY LAWRENCE 675 MCEACHRAN AVE OUTREMONT QUE	CR 9 8759	B SC 1
BERGSTEDT VIRGIL LEWIS 3741 HUTCHISON ST APT 3 RTE 1 SEDRO WOOLLEY WASHINGTON U S A		MD CM 3
BERGSTEINSSON ELLEN OLIVE 529 MERTON AVE ST LAMBERT QUE	OR 1 4791	B COM 2
BERGSTROM CARL HERKKO 151 STRATHYRE VILLE LASALLE QUE	ME 7 3427	B ENG MCH 5
BERKE CARL STEPHEN 5541 BRADFORD PLACE MONTREAL QUE	RE 7 2241	B SC 1
BERKES THOMAS JANOS 2026 METCALFE ST MONTREAL QUE		B ARCH 2
BERKOFSKY LORNA LOUISE MACDONALD COLLEGE 4536 EARNSCLIFFE AVE N D G MONTREAL QUE		B SC H EC 1
BERLIN IRMA BARBARA 2162 NANTEL AVE VILLE ST LAURENT QUE		M S W 2
BERLYN ROBIN WILFRID 258 PINE AVE W MONTREAL QUE	AV R 3800	B ENG MCH 5
BERNAQUEZ RAYMOND 300 SHERBROOKE ST W MTL R31 LAVERENDRYE ST THREE RIVERS QUE	PL 0950	B ENG MCH 5
BERNARD CHARLES KEITH 59 CIRCLE ROAD ILES BIGRAS QUE	MU 1 4591	B ENG 2
BERNSTEIN AARON DAVID 742 MCEACHRAN AVE OUTREMONT QUE	CR 2 2011	MD CM 1
BERNSTEIN BRAM HENRY 5180 HAMPTON AVE MONTREAL QUE	EL R189	B A 2
BERNSTEIN HEATHER RITA 4864 KINGSTON AVE MONTREAL QUE	DE 1492	B A 1
BERNSTEIN HERSHEL 5860 DECELLES PLACE APT 14 MONTREAL QUE	RE 7 3009	D D S 4
BERNSTEIN JERROLD 206 WILLOWDALE AVE MONTREAL 26 QUE	RE R 1556	B SC 4
BERNSTEIN MARILYN ELAINE 23 MAPLE AVE STE ANNE DE BELLEVUE 4692 VEZINA AVE MONTREAL QUE		TCH ELEM 1
BERNSTEIN NORMAN HAROLD 4855 QUEEN MARY RD APT 17 MONTREAL QUE	RE 3 0375	B A 4
BERRANGE JEVAN PIERRE DEPT GEOLOGICAL SCIENCES MCGILL UNIVERSITY 25 DALENE ROAD RAUMARAIS PARK JOHANNESBURG S A	BE 5031	M SC 3

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BERRETT ARNOLD C O DEPT OF RADIOLOGY ALBERT EINSTEIN MED CEN 1710 NEWPORT AVE NEW YORK 61 N Y U S A	M SC 3
BERRY CAMERON GEORGE 4625 DRAPER AVE N D G MONTREAL QUE	B SC 2 EL 3575
BERRY JOHN WIDDUP 275 WOODLANDS CHATEAUGUAY QUE	B ENG 2
BERRY LEONARD MICHAEL 1461 MOUNTAIN ST APT 4 MONTREAL QUE	B COM 1 BE 8084
BERRY MARION QUEEN ELIZABETH HOSPITAL 2100 MARLOWE AVE MONTREAL 28 QUE	MED DIPL 2 DE 3571
BERRY RICHARD CARLETON 4580 PATRICIA AVE N D G MONTREAL QUE	B ENG CIV 3 HU 1 4416
BERRY STEPHEN ALBERT 4031 MELROSE AVE MONTREAL 28 QUE	MD CM 2 EL 4691
BERRY WILLIAM JAMES 275 WOODLANDS CHATEAUGUAY QUE	B SC 4 PL 1674
BERSON SEENA 5317 EARNSCLIFFE AVE MONTREAL QUE	B SC 1 HU 1 3796
BERTHIAUME REJEAN EMILE L 7740 AVE DU MAIL VILLE D ANJOU MONTREAL QUE	B ENG 1 CL 6 4520
BERTLEY LEO WITHNOL 3542 SHUTER ST MTL TULIP AVE POINTE A PIERRE TRINIDAD B W I	MD CM 1 PL 0504
BERTRAM JOHN CHARLES 360 VICTORIA AVE WESTMOUNT QUE	B A 4 HU 1 1468
BERTRAND GARNET EUGENE 8385 ONTARIO ST E MONTREAL QUE	D D S 4 CL 6 3814
BERU ASSEFA 3500 HUTCHISON ST MTL MINISTRY OF EDUCATION ADDIS ABABA ETHIOPIA	B C L 3 VI 5 7486
BESNER ROSLYN BUNNY 5209 MONTCLAIR AVE N D G MONTREAL QUE	TCH ELEM 1
BESSNER MORTON HYMAN 5580 GATINEAU AVE APT 10 MONTREAL 26 QUE	B C L 2 RE 1 4291
BESWICK BERNARD EUGENE 920 46TH AVE LACHINE QUE	B SC 1 ME 7 0536
BETHUNE ALAN EDWARD 19 CLEARVIEW CRESCENT POINTE CLAIRE QUE	B ENG MCH 4 OX 7 2715
BEUGLET CLAUDE HECTOR 2235 PRUDHOMME AVE APT 12 MONTREAL 28 QUE	B ENG CH 4 HU 9 1756
BEY ANNA 3880 MAPLEWOOD AVE MONTREAL QUE	B A 1 RE 3 8017
BEYER WERNER HANS 3280 GOYER ST MONTREAL QUE	B SC 1
BHARGAVA SUBHAS 3522 PARK AVE MTL 1115 SECOND ST WEST CORNWALL ONT	B ENG 2 VI 5 5372
BHATZ JOHN ORMONDE 4801 VICTORIA AVE MONTREAL 29 QUE	B ENG 2 HU 1 1583
BIARD JOAN MARGUERITE ROYAL VICTORIA COLLEGE 320 49TH AVE LACHINE QUE	M SC 2 VI 9 0993
BIBERMAN BARRY 2296 FULTON RD MONTREAL 16 QUE	B A 4 RE 8 4608
BIBLE ALEXANDER G 3637 UNIVERSITY ST MTL 2 TAW VALE CREDITON DEVON ENGLAND	B ENG COM 5 VI 9 7136
BICKIS IVARS JANIS 3610 UNIVERSITY ST MTL 56 FINDLAY AVE OTTAWA ONT	PH D 3
BIDA LARISSA 16 PRINCE ARTHUR ST W MONTREAL QUE	B L S 1 BE 5236
BIDDLE JOHN SIMPSON 7478 OUTREMONT AVE MONTREAL 15 QUE	B ENG 1 CR 9 2431
BIEDERMANN MARY MARGARET 318 GENEVA CRESCENT TOWN OF MT ROYAL QUE	B COM 2 RE 8 4836
BIELER MARC CHARLE MACDONALD COLLEGE 2151 BRULART AVE SILLERY QUE	AGR DIP 2
BIERBRIER BENNY 5590 VICTORIA AVE APT 12 MONTREAL QUE	B SC 1 RE 7 9947
BIERBRIER EDWARD GERALD 931 DUNLOP AVE OUTREMONT QUE	B COM 1 RE 7 1381
BIERE JOAN VIOLA 1273 ISLAND ST MONTREAL QUE	B N 2 WE 5 5712
BIGGAR JOAN EVA JANET 225 WESTMINSTER AVE N MONTREAL WEST QUE	B A 1 HU 1 6880
BIGGS ELIZABETH IDA MACDONALD COLLEGE P O BOX 301 PLACE D ARMES MONTREAL QUE	HOMEMAKER 1
BIGLEY MICHAEL DONALD 3503 PARK AVE MTL 34 O A D STE THERESE QUE	B ENG 1 AV 8 7991
BIGMAN SUSAN ROYAL VICTORIA COLLEGE 890 BEGIN AVE QUEBEC CITY QUE	B A 3 PL 0495
BIKADOROFF SERGE 3472 SHUTER ST MONTREAL QUE	MD CM 4 PL 3049
BILEFSKY RALPH 4692 MAPLEWOOD AVE MONTREAL QUE	MD CM 1 RE 7 8050
BILEVICIUS MARY MILDA M 2518 VAUQUELIN ST MONTREAL QUE	B SC 3 RA 2 6536
BILLHAM JOHN A HENRY 266 LANSDOWNE AVE WESTMOUNT QUE	B ENG CH 4 WE 5 7318
BILLINGSLEY ANDREW GORDON WILSON HALL 95 RENFREW AVE OTTAWA 1 ONT	B SC 2 RE 0624

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BILODEAU RONALD RALPH 548 PRINCE ARTHUR ST MTL 95 WAVERLY ST PROVIDENCE R I U S A	MD CM 1 PL 0788
BINDER JUDITH ZELDA 4985 MACKENZIE ST MONTREAL QUE	TCH ELEM 1 RE 8 8298
BINDON ELIZABETH FRANCES 3480 WALKLEY AVE MONTREAL QUE	TCH INT 1 DE 5327
BINNEY JOHN CADMAN 5 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B SC 3 RE 8 3577
BINNIE WILLIAM IAN C DOUGLAS HALL 15 HEDGEWOOD ROAD WILLOWDALE ONT	B A 1 BE 0977
BINSTOCK SAUL 2210 CLINTON AVE MONTREAL QUE	B A 4 RE 9 1204
BIRCH MONICA MAVIS ROYAL VICTORIA COLLEGE 19 AVE DE LONGPRE STE FOY QUEBEC 10 QUE	B SC 3 PL 0327
BIRCHENOUGH ARTHUR JAMES 5733 DES ERABLES AVE MONTREAL 36 QUE	B ENG 2
BIRCHWOOD KENNETH MICHAEL 5255 WALKLEY AVE APT 3 16 L EPINET ST MORVANT TRINIDAD B W I	B SC 2 HU 8 7859
BIRNBAUM EVA 2500 VAN HORNE AVE APT 9 MONTREAL QUE	TCH ELEM 1 RE 7 3151
BIRNBOM LIONEL 5397 GROVEHILL PLACE MONTREAL WEST QUE	B ENG 2 DE 7877
BIROL HAYRI 4090 MACKENZIE AVE MONTREAL QUE	B ENG PHY 3 RE 7 0321
BISHARA EDWARD 5810 WILDERTON AVE MONTREAL QUE	B ENG 1 RE 3 5651
BISHOP TREVOR HOWARD 43 BELVEDERE ROAD WESTMOUNT QUE	B C L 4 WE 5 7504
BITHER CARL ROBERT 5170 WESTHILL AVE APT 4 MONTREAL 29 QUE	D D S 2 HU 9 5984
BITTAR NEVILLE DOUGLAS HALL P O BOX 1791 BEIRUT LEBANON	MD CM 1 BE 0977
BIZON EMIL 3660 LORNE CRES APT 15 SPRUCE VALLEY ALTA	B ENG COM 5 RE 6518
BJORDAMMEN JOHN 2261 SOUVENIR ST APT 3 803 SIXTH AVE N W MOOSE JAW SASK	B ENG CH 5 WE 7 1836
BLACHFORD JOHN 517 ROSLYN AVE WESTMOUNT QUE	B ENG CH 4 WE 7 1908
BLACK CAROL PARSONS 4 THURLOW ROAD HAMPSTEAD QUE	B A 4
BLACK ERNEST DAVID 12485 COUTINEAU ST MONTREAL QUE	M SC 1
BLACK GWENDOLYN JOYCE MACDONALD COLLEGE 5130 KINGSTON AVE N D G MONTREAL QUE	B SC H EC 1
BLACK JOHN EARLE 710 GOHIER ST VILLE ST LAURENT QUE	B ENG PHY 4 RI 7 1815
BLACK MARY LOU MACDONALD COLLEGE R R 1 PICTON ONT	B SC H EC 4
BLACK NORMAN JOHN 6779 35TH AVE MONTREAL 36 QUE	B A 1 RA 2 9560
BLACKADDER EARLE ASHTON 475 PINE AVE W MTL WESTFRONT CORNWALL ONT	B ENG 2 BL 4270
BLACKMAN DOREEN 955 PRATT AVE OUTREMONT QUE	B A 1 RE 8 6835
BLACKWOOD EGERTON GEORGE 529 PRINCE ARTHUR ST MTL WALDERSTON P O JAMAICA B W I	B SC 2 BE 0804
BLAGA AUREL 5624 GATINEAU ST MONTREAL QUE	PH D 1 RE 8 9518
BLAGDEN HELEN RUTH 5254 CUMBERLAND AVE MONTREAL QUE	EDUCATION 1 HU 1 6890
BLAIKIE MARY LOUISE A 1500 CRESCENT ST APT 201 8 REVERE ST TRURO N S	MUS B 3 BE 9189
BLAIKLOCK WILLIAM MUSGRAV 1425 ATHLONE ROAD TOWN OF MT ROYAL QUE	B ENG MCH 3 RE 3 1110
BLAIR ALBERT JAMES JR 3570 RIDGEWOOD AVE APT 307 MONTREAL QUE	M SC 2 RE 7 2512
BLAIR KNOWLTON AUGUSTUS 435 SHERBROOKE ST W MTL 97 GREENLODGE ST DEDHAM MASS U S A	B A 2 VI 5 0734
BLAIS J ANDRE 3710 PARK AVE MONTREAL QUE	B ENG 1 BE 9764
BLAIS J GABRIEL M 10216 SACRE COEUR MONTREAL QUE	B ENG MCH 5 DU 7 6016
BLAIS ROLLAND 3953 LACOMBE AVE MONTREAL QUE	B C L 4 RE 1 0206
BLAJCHMAN HYMAN 5251 VICTORIA AVE APT 6 MONTREAL QUE	B ENG EL 3 RE 3 9497
BLAJCHMAN MORRIS AARON 5251 VICTORIA AVE APT 6 MONTREAL QUE	B SC 2 RE 3 9497
BLAKE DOROTHY JOSEPHINE ROYAL VICTORIA COLLEGE 14 LISSANT ROAD KINGSTON JAMAICA B W I	B A 2 PL 0829
BLAKE ENID ALVIRA 2100 CLAREMONT AVE APT 4 BOX 95 TOFIELD ALTA	GR N CERT 1 HU 9 3646
BLAKE ROBERT LLOYD GEORGE 279 6TH AVE ST EUSTACHE SUR LE LAC QUEBEC	B ENG 2
BLAKE ROY MACAULAY SCOTT 3544 HUTCHISON ST APT 1 7 WORTHINGTON TERRACE CROSS ROADS JAMAICA B W I	MD CM 3 BE 4782

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BLAKELY JOHN ARCLEN 170 MORRISON AVE TOWN OF MT ROYAL QUE	B C L 4 RE H 5056
BLAKER ROD BRIAN 464 CLAREMONT AVE MONTREAL QUE	B A 4 DE 6344
BLANCHARD BERNARD E 9445 CHATEAUBRIAND MONTREAL QUE	B C L 2 DU 9 5536
BLANCHARD VALENE MACDONALD COLLEGE 3580 DECARIE BLVD MONTREAL QUE	B SC H EC 4
BLANCHET ANDRE 3741 HUTCHISON ST MTL 470 7TH ST QUEBEC CITY QUE	B C L 4 VI 5 5975
BLANDFORD GEORGE EDWARD 50 GOLF AVE POINTE CLAIRE QUE	B ENG MCH 5 OX 5 3620
BLANSHAY BERNARD 2631 SOISSONS AVE MONTREAL QUE	B COM 3 RE H 7163
BLANSHAY ISRAEL EDWARD 4946 GROSVENOR AVE MONTREAL QUE	B C L 3 HU 1 9476
BLANSHAY LIONEL JUDAH 4946 GROSVENOR AVE MONTREAL QUE	B A 1 HU 1 9476
BLATT HARVEY MICHAEL 5440 LEGARE ST MONTREAL QUE	B COM 2 RE H H270
BLATT MARTIN 5940 SHERBROOKE ST W APT 2 MONTREAL 28 QUE	B COM 3 DE 5091
BLATT SAMUEL 4965 COTE ST CATHERINE APT 15 MONTREAL QUE	B ENG 2 RE 3 4547
BLAU SANDRA LENORA 4707 LACOMBE AVE MONTREAL QUE	B A 3 RE 7 9123
BLAYLOCK SUSAN JENNIFER MONTEE DU MONK ILE BIZARD QUE	B A 1
BLAZWICZ MARIE ANTOINETTE 4610 PARK AVE MTL ROAD 3 SMITH HILL ROME N Y U S A	PHYSIOTH 5 VI 9 1122
BLEICHERT ALFRED MAX C O F TURPIN R R 1 LAPRAIRIE QUE	B SC 1 OL 9 1778
BLEICHERT ERNEST FRANCIS R R 1 LAPRAIRIE QUE	B SC 2 OL 9 1778
BLEIER GEORGE 3557 HUTCHISON ST MONTREAL QUE	B ENG MCH 4 AV H 5546
BLEJER PRIETO HECTOR 546 PINE AVE W MTL APARTADO AEREO 339 BARRANQUILLA COLOMBIA S A	MD CM 4 PL 5501
BLEVIS EARL HOWARD P O BOX 43 MACDONALD COLLEGE QUE	PH D 3
BLICKER STANLEY 4855 DORNAL AVE MONTREAL QUE	B SC 3 RE H 6021
BLISS JAMES QUARTUS 3547 UNIVERSITY ST APT 17 MONTREAL QUE	PH D 2 VI 5 9647
BLITT PINCHAS ELIAUH 4505 PLAMONDON AVE MONTREAL QUE	B C L 3 RE H 0241
BLITT RITA 5380 BRODEUR AVE MONTREAL QUE	B A 1 DE 9550
BLOCK LILLIAN ESTHER 741 QUERBES AVE APT 5 OUTREMONT QUE	B A 1 CR 7 0169
BLONDIN PIERRE CHATELAIN R SENNEVILLE ROAD STE ANNE DE BELLEVUE QUE	B SC P ED 1
BLOOM DAVID MYRON 1477 CHOMEDEY ST MONTREAL QUE	MED DIPL 1 WE 7 5284
BLOOMFIELD DAVID AARON 768 PRATT AVE OUTREMONT QUE	B ENG 2 RE H 9064
BLOOMFIELD JUDY 768 PRATT AVE OUTREMONT QUE	B SC 3 RE H 9064
BLOSTEIN MAIER LIONEL 729 WILDER AVE OUTREMONT QUE	M ENG 1 CR 1 9341
BLOSTEIN RHODA 3028 URESLAY ROAD MONTREAL QUE	PH D 2 WE 2 0861
BLUM ARMAND 880 WISEMAN AVE OUTREMONT QUE	B SC 3 CR 7 3247
BLUM FRANK JULIUS 3251 LACOMBE AVE MONTREAL QUE	M A 2 RE H 6754
BLUM JANINE PAULETTE ROYAL VICTORIA COLLEGE 1042 QUEEN ST E SAULT STE MARIE ONT	B A 4 PL 0477
BLUM SAUL CHARLES 4457 ESPLANADE AVE MONTREAL QUE	PH D 1 RE H791
BLUMER HERBERT MARTIN 5760 DECELLES AVE APT 308 MONTREAL QUE	MED DIPL 1 RE 7 H547
BLUNDELL JOAN THERESA M 3775 HARVARD AVE MONTREAL 28 QUE	B COM 1 HU 1 4575
BLUNDELL PAT MARY ELLEN 3775 HARVARD AVE MONTREAL 28 QUE	PHYSIOTH 2 HU 1 4575
BLUNT PETER REXFORD 40 DUFFERIN ROAD HAMPSTEAD QUE	B SC 2 HU 1 2232
BLUSTEIN JOSEPH EDWARD 4450 BEACONSFIELD AVE MONTREAL 28 QUE	MD CM 1 DE 1940
BLYTH BARBARA ANN 7450 BAYARD ST MONTREAL QUE	B A 1 RE 7 7016
BOA MARGARET GRACE MACDONALD COLLEGE R R 1 ST HERMAS QUE	TCH ELEM 1
BOAKE JAMES WILFRID 382 ROSLYN AVE WESTMOUNT QUE	B SC 2 WE 3 7116
BOBKOWICZ ANDREW JOHN 364 REDFERN AVE MONTREAL QUE	B ENG CH 5 WE 5 3443
BORROW PHILIP DAVID 3780 ST KEVINS AVE APT 3 MONTREAL QUE	B ARCH 4 RE 7 0230
BOGANTE MARTIN DONALD 4252 KINGSTON AVE MONTREAL QUE	B A 3 DE 5601
BOGDANOFF DAVID WELLS 11 SUNNYVIEW AVE POINTE CLAIRE QUE	B SC 1 OX 5 6591

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BOGERT KATRINA V N ROYAL VICTORIA COLLEGE 41 HIGHLAND AVE ROWAYTON CONN U S A	B A 3
BOGGS BRENDA MARGARET 566 CLAREMONT AVE WESTMOUNT QUE	B ED 1 EL 3600
BOGHEN RADU 3905 PLAMONDON AVE APT 9 MONTREAL QUE	B A 4 RE 3 1584
BOGO NORMAN HARVEY 7508 QUERBES AVE OUTREMONT QUE	B ENG 1 CR 7 0042
BOGRAN IDRAQUEZ MARCO A 5687 PARK AVE APT 6 MTL CASA DR BOGRAN TEGUCIGALPA HONDURAS CENTRAL AMERICA	B SC 1 CR 1 7372
BOHM FRANK ALFRED 60 STRATHMORE BLVD STRATHMORE QUE	B ENG 2 ME 1 6607
BOHM JANE 1826 SHERBROOKE ST W APT 304 MONTREAL QUE	WE 7 1605
BOHME REINHARD DIETMAR 3600 RIDGEWOOD AVE APT 500 MONTREAL QUE	B SC 3 RE 3 2632
BOIESONNAULT JOHN R 362 MURDOCK AVE TIMMINS ONT	B SC 2
BOISVERT MARCEL 357 CURZON AVE ST LAMBERT QUE	MD CM 1 OR 1 6801
BOIVIN MAURICE JOSEPH 3621 DUROCHER ST MTL 75 HIGH ST SANFORD MAINE U S A	MD CM 4 VI 9 4667
BOJNOWSKI STANISLAUS I K 5584 ST DENIS ST APT 4 MONTREAL QUE	B ENG CIV 5
BOKIJ ALEXANDER 5750 36TH AVE MONTREAL 36 QUE	B ENG 2 RA R 5372
BOLAND COOPER TREVOR FITZ 2054 CITY COUNCILLOR ST 11C CARIB ST SAN FERNANDO TRINIDAD B W I	B SC 2 VI 9 0909
BOLDON BERTRAM THOMAS 484 PRINCE ARTHUR ST W 86 NELSON ST PORT OF SPAIN TRINIDAD B W I	B A 3 VI 9 0677
BOLDTEN SHIRLEY 3892 MACKENZIE ST MONTREAL QUE	TCH ELEM 1 RE 1 1496
BOLDUC JOSEPH CLAUDE A 4888 JEANNE MANCE ST MONTREAL QUE	B ENG 2 CR 6 9351
BOLTON RICHARD ANDREW E 4325 MONTROSE AVE WESTMOUNT QUE	B SC 2 WE 5 7873
BOLTON RICHARD ROTHWELL 1808 SHERBROOKE ST W MONTREAL QUE	B ENG 1 WE 5 4420
BONATHAN ANNE ELIZABETH 134 ST CHARLES ST W LONGUEUIL QUE	MUS B 2 OR 4 6618
BOND ELAYNE REVA 5215 VAN HORNE AVE MONTREAL QUE	TCH ELEM 1 RE 7 8428
BONDOUX RENE VINCENT 582 CONGREGATION ST MONTREAL QUE	B ENG 2 WE 3 7968
BONETTO GILLES SEVERIN 5731 DROLET ST MONTREAL 10 QUE	B ARCH 2 CR 7 4962
BONGERS HENRY THEODORE 5225 RANDALL AVE APT 12 MONTREAL QUE	B ENG MCH 4 HU 1 8956
BONIM ORA 3350 COTE ST CATHERINE MONTREAL QUE	B SC 2 RE 3 9004
BONIN MAURICE LUCIEN 8080 CHAMPAGNEUR ST MTL 263 COLLEGE ST SUDBURY ONT	B ENG COM 5 CR 2 0232
BONNEAU JOSEPH 3512 SHUTER ST MTL 4058 RIVARD ST MONTREAL QUE	B COM 2 AV R 3784
BONNEAU JOSEPH PIERRE B SAINT MATHIEU COUNTY LAPRAIRIE QUE	B ENG 2 MI 3 8478
BONNELL GEORGE ELMER 1201 HOPE AVE APT 212 BOX 3500 CHARLOTTETOWN P E I	MED DIPL 1 WE 5 1246
BONNEY WILLIAM HOLBROOK 987 MONCRIEFF RD TOWN OF MT ROYAL QUE	B A 4 RE 7 5167
BONNLANDER BENJAMIN HOXSI 495 PRINCE ARTHUR ST W APT 6 MTL CHESTER VERMONT U S A	MD CM 3 BE 6408
BOODE MARINUS FRANKISCUS 4586 DECARIE BLVD APT 6 MONTREAL 29 QUE	B SC 3 HU 1 2429
BOOKMAN BERNARD 5290 WESTBURY AVE MONTREAL 29 QUE	B ENG MCH 4 RE 7 0393
BOOMER MARY SUZANNE ROYAL VICTORIA COLLEGE 12 PARKSIDE AVE DUNDAS ONT	B A 4
BOOMHOUR IRENE MAY MACDONALD COLLEGE WATERLOO QUE	TCH INT 1
BOONE JOHN CHARLES P O BOX 214 MACDONALD COLLEGE DALEVIEW CRESCENT BUCKINGHAM QUE	TCH INT 2
BOOTH JAMES KELT 40 WESTMINSTER AVE MONTREAL WEST QUE	B SC 4 HU 1 4040
BOOTH RONALD NEIL BOX 129 MACDONALD COLLEGE 46 HAVELOCK ST OTTAWA ONT	B SC AGR 4
BOOTH WILLIAM HAROLD 3601 UNIVERSITY ST MONTREAL QUE	B ENG AM 5 VI 9 4487
BORDELEAU JOSEPH MARC 557 ST ROCH ST MTL 575 ST CHARLES ST JOLIETTE QUE	B ENG 1 CR 6 9559
BORENSTEIN LIONEL 3947 CLARK ST MONTREAL QUE	B SC 2 AV R 7505
BORENSTEIN SAMUEL RALPH 5272 MUSSET ST MONTREAL QUE	B ENG PHY 5 HU R 6747
BORENSTEIN STANLEY 5811 DAVIES AVE COTE ST LUC MONTREAL QUE	B A 1 HU R 7531

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BORIGHT HENRY ANGUS 6442 SHERBROOKE ST W APT 10 MONTREAL QUE	M SC 1 DE 7702
BORIGHT ROBERT RAILTON 4068 GREY AVE MONTREAL 28 QUE	MED DIPL 1 EL 5980
BORLAND RONALD JAMES 5055 STUART AVE MONTREAL 15 QUE	B ENG 2 CR 9 9829
BORLASE WALTER HENRY 5585 N D G AVE MONTREAL 28 QUE	B ENG EL 4
BOSCHER ALAIN JEAN A M 3424 DRUMMOND ST APT 8 40 RUE SCHEFFER PARIS 16 FRANCE	B SC 3
BOSNITCH SAVARD 4930 QUEEN MARY ROAD APT 10 MONTREAL QUE	M A 2 RE 3 4665
BOSSE JOSEPH GERALD 1755 ST HUBERT ST MTL 17 LYNOTT ST EDMUNDSTUN N B	B C L 3 LA 3 3927
BOSWALL GRAEME WYATT 36 SUMMERHILL AVE VALOIS QUE	PH D 4 OX 7 0727
BOSWELL ALAN MAXFIELD MACDONALD COLLEGE VICTORIA P E I	B SC AGR 4
BOTMAN JOANNES HENRICUS MACDONALD COLLEGE AMSTE VEENSEWEG 1044 AMSTERDAM Z11 HOLLAND	B SC AGR 3
BOUCHARD JEAN 1567 MCGREGOR ST MTL ST ANSELME DORCHESTER QUE	B ENG MCH 5
BOUCHER JACQUES BENOIT 919 BEAUDRY ST MTL L ISLET QUE	B ENG 2 LA 3 9358
BOUDIN HENRY MORTON 4170 MACKENZIE AVE MONTREAL QUE	B SC 1 RE 7 9508
BOUDREAU ROLLAND 10005 JEANNE MANCE ST MONTREAL QUE	B C L 4 DU 1 0283
BOULDING JOSEPH EUGENE ALLAN MEMORIAL INSTITUTE VANCOUVER B C	MED DIPL 2
BOUND ELEANOR FAYE MACDONALD COLLEGE 112 5TH ST APT 2 NORANDA QUE	TCH ELEM 1
BOURAS DEMETRIOS 3533 ST URBAIN ST MTL FARSALA GREECE	B ENG COM 5 AV 8 7036
BOURASSA LEONARD RENE 1518 DUROCHER ST MTL 140 FACTORY ST WINDSOR MILLS QUE	B ENG MCH 5
BOURBEAU ANDRE 3600 LAFONTAINE ST MTL 5565 DUNMORE MONTREAL 26 QUE	B C L 2 LA 4 7497 RE 9 1596
BOURDON DONALD GORDON 1559 COLLEGE ST MONTREAL 9 QUE	B ENG CIV 4 RI 4 5922
BOURGEAU ANGUS EDWARD MACDONALD COLLEGE 52 BALFOUR AVE TOWN OF MT ROYAL QUE	B SC AGR 1
BOURKE MARION EILFEN 5098 SHERBROOKE ST LACHINE QUE	GRAD QUAL 1 ME 7 3559

NAME ADDRESS	COURSE & YEAR TEL. NO.
BOURLEAU JOSEPH LOUIS A 3600 LAFONTAINE ST MTL 1117 ST LOUISE ST THREE RIVERS QUE	B ENG 2 LA 4 7497
BOUSKILL BRIAN KEITH 3434 MCTAVISH ST MTL 49 ELGIN ST GRANBY QUE	B COM 3 PL 4492
BOVILLE BYRON WALTER 275 50TH AVE LACHINE QUE	M SC 1
BOVYER BEVERLEY JOANN 4895 TRENHOLME AVE MONTREAL QUE	B A 4 DE 3393
BOWDEN FLORA CELINE C O MRS W W WOODHEAD 4955 OBRYAN AVE MONTREAL 29 QUE	TCH KIND 1
BOWE JOHN VINCENT 3641 UNIVERSITY ST MTL 90 AWDE ST TORONTO ONT	MD CM 2 VI 9 0593
BOWEN LIONEL ANTHONY 121 ARLINGTON AVE WESTMOUNT QUE	B SC 1 WE 7 1307
BOWERING WILLIAM DAVID S 3600 UNIVERSITY ST MTL 909 EAST 21 AVE VANCOUVER 10 B C	PH D 3 AV 8 6307
BOWIE PETER GEORGE 837 OSBORNE AVE VERDUN QUE	B ENG COM 5 PO 7 1201
BOWIE RICHARD JOHN F 975 ST CLARE ROAD TOWN OF MT ROYAL QUE	B A 2 RE 7 2252
BOWMAN ANNIE MARGARET 1585 MACGREGOR AVE MTL 1934 PORTAGE AVE STE 9A HARTMAN APTS WINNIPEG 12 MAN	GR N CERT 1
BOYD ELIZABETH ANNE ROYAL VICTORIA COLLEGE 11 DE CARIGNAN AVE SOREL QUE	PHYSIOTH 1 VI 9 0030
BOYD JOHN LAWRENCE 2 SUNSET ROAD SENNEVILLE QUE	B SC AGR 1
BOYD NICHOLAS TRAYNER 154 THORNTON AVE TOWN OF MT ROYAL QUE	B A 1 RE 8 4307
BOYD SARAH LINSCOTT ROYAL VICTORIA COLLEGE 196 ELGIN ST ARNPRIOR ONT	B A 2 VI 9 0120
BOYER JOSEPH PETER M 4207 HARVARD AVE N D G MONTREAL QUE	B ENG CIV 4 DE 6458
BOYKO ROMAN 5150 GATINEAU AVE MONTREAL QUE	B COM 2 RE 8 4797
BOZICH ANTHONY 3430 HUTCHISON ST MTL 8350 SCHAEFER ROAD DETROIT 28 MICH U S A	B SC 4
BOZYK ALEXANDER J 3688 PARK AVE MTL 88 POLSON AVE WINNIPEG 9 MAN	MED DIPL 1 PL 4563
BRABANDER JOACHIM ROBERT 4705 UPPER ROSLYN AVE MONTREAL 29 QUE	B A 1 EL 3755
BRACK DAVID MELVILLE 2183 ST LUKE ST APT 2 MONTREAL QUE	B SC 2 WE 2 8340

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.	
BRACKEN DELL FRANK IN P O BOX 37 APT 12 MACDONALD COLLEGE 2088 CORWIN AVE NIAGARA FALLS ONT	M SC	1
BRADBURY RUTH MARY OLIVE 3459 DRUMMOND ST APT 22 15 BOYTON ROAD TORONTO 7 ONT	GR N CERT BE 0653	1
BRADLEY CLEVELAND WILLIAM 4073 MELROSE AVE MONTREAL 28 QUE	B ENG EL DE 2398	4
BRADLEY ELLA MAY MACDONALD COLLEGE HENRY ST PRESCOTT ONT	B SC P ED	1
BRADLEY JOHN ELLIOT 4073 MELROSE AVE MONTREAL 28 QUE	B ENG DE 2398	1
BRADSHAW RICHARD F 19 DE CASSON RD MONTREAL QUE	B COM WE 2 4644	1
BRADY FREDERICK 3777 COTE DES NEIGES MTL 1100 PARKWAY E UTICA N Y U S A	D D S WE 3 2387	3
BRADY SHEILA ANNE 1487 MOUNTAIN ST MTL 11031 90 AVE EDMONTON ALTA	M S W VI 5 6827	1
BRAEKEVELT ALBERT 475 PINE AVE W MTL 410 MICHIGAN AVE PT EDWARD ONT	B COM BE 4270	2
BRAITHWAITE DESMOND L 481 MILTON ST MONTREAL QUE	B SC	4
BRAITSTEIN DEIDRA SAHARA 4965 CARLTON AVE APT 1 MONTREAL QUE	TCH KIND	1
BRAKE SHEILA EMELINE MACDONALD COLLEGE CAREY S HILL BONA CO QUE	TCH ELEM	1
BRAMMELL HOMER LEON DOUGLAS HALL R F D 3 WILLIMANTIC CONN U S A	MD CM	1
BRANCH CHARLES LEON 3649 DUROCHER ST APT 7 530 HIGHLAND AVE JACKSON TENN U S A	MED DIPL PL 2504	4
BRANCHAUD JEAN P 1578 DUCHARME AVE OUTREMONT QUE	B C L CR 2 3761	3
BRANSCOMBE JOAN CHRISTENA ROYAL VICTORIA COLLEGE 70 KINBARK BLVD TORONTO 12 ONT	B A PL 0113	2
BRAULT GUY 59 NEPTUNE STRATHMORE QUE	B ENG ME 1 1401	1
BRAUNROT BRUNO 4503 DECARIE BLVD APT 15 MONTREAL QUE	MD CM HU R 4520	1
BRAUNSTEIN PETER MICHAEL 4808 ROSLYN AVE MONTREAL QUE	MD CM RE 7 8734	1
BREAU GEORGE JOSEPH P O BOX 130 MACDONALD COLLEGE QUE	D D S	2
BRECKENRIDGE JOHN A 1800 GRAHAM BLVD MONTREAL 16 QUE	RE 7 3703	

NAME ADDRESS	COURSE & YEAR TEL. NO.	
BREGMAN NATHAN BERNARD 742 STUART AVE MONTREAL QUE	B SC CR 7 6178	2
BREITBART CHARLES ANTHONY 1455 DRUMMOND ST APT 817 RIOJA 2364 OLIVOS BUENOS AIRES ARGENTINA	B A VI 9 9834	2
BREITHAUPT EMMY E MACDONALD COLLEGE 23 GUILDCREST DRIVE SCARBOROUGH ONT	B SC H EC	2
BRENCIAGLIA GIOVANNI DOUGLAS HALL VIA FLAMINIA 160 ROME ITALY	B SC BE 0977	2
BRENCIAGLIA LUIGI DOUGLAS HALL VIA FLAMINIA 160 ROME ITALY	B SC BE 0977	1
BRENCIAGLIA PAOLO DOUGLAS HALL VIA FLAMINIA 160 ROME ITALY	B SC BE 0977	1
BRENDER ALLAN USHER 973 HARTLAND AVE OUTREMONT 8 QUE	B SC RE 3 7208	2
BRENDER LORRAINE 5920 CLANRANALD AVE MONTREAL QUE	B SC P ED RE 8 3883	4
BRENDER WILLIAM JOSEPH 5920 CLANRANALD AVE MONTREAL QUE	B A	1
BRENNAN DONALD DUNCAN 1310 ST ANTOINE ST LACHINE QUE	B ENG MCH ME 7 7234	3
BRERETON ROBERT C 3565 COTE DES NEIGES RD APT D MTL 61 MCCOY AVE METUCHEN N J U S A	B ENG MCH	4
BRESLOW ENID HARRIET 4044 HAMPTON AVE MONTREAL QUE	EDUCATION HU 9 2165	1
BRETON NORMAN ROGER 300 SHERBROOKE ST W 2780 HERTEL ST SHERBROOKE QUE	B ENG COM PL 0590	5
BRETON ROLAND BERNARD 3550 SWAIL AVE APT 19 221 MASSON APT 6 ST BONIFACE MAN	B COM RE 7 1989	3
BRETT BRIAN DUDLEY 96 SOMERVILLE AVE WSTMT 497 RAGLAN ROAD WINNIPEG 10 MAN	M SC EL 4761	1
BREWER JACK RICHARD DOUGLAS HALL 2804 WILLIAMS ST EUREKA CALIF U S A	MD CM	1
BREWER MICHAEL BRIAN 407 WALPOLE AVE TOWN OF MT ROYAL QUE	B ENG RE 7 5318	2
BRICE MAURFEN ELIZABETH M 191 WOLSELEY AVE MONTREAL 28 QUE	B SC N HU 1 2845	1
BRICHTA EDGAR SIGMUND 5550 36 AVE MONTREAL 36 QUE	MD CM RA 7 8902	1
BRIDGE ROBERT SYCKLEMORE 3637 UNIVERSITY ST MTL ONE BENVENUTO PL TORONTO ONT	B A VI 0 1736	2
BRIDGER MALCOLM KEITH 46 PERRAULT AVE STE ANNE DE BELLEVUE QUE	H ENG	2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BRIEN CHARLES WAYNE 984 SIXTH AVE VERDUN QUE	B ENG 1 PO 6 3628
BRIFFLEY JAMES DONALD M 22 THORNHILL AVE WESTMOUNT QUE	B C L 4 UN 1 2617
BRIFFLEY JOHN ELMES C 22 THORNHILL AVE WESTMOUNT QUE	B C L 2 WE 3 3218
BRIGGS DAVID CHRISTOPHER 1656 DUROCHER ST APT 2 38 FITCH ST WELLAND ONT	M ENG 1 AV 8 2680
BRIGGS WILLIAM LAWRENCE 3512 DUROCHER ST MTL MCLEAN ST DONKIN CB N J U S A	B ENG CIV 5
BRIGHT MARY ELIZABETH ROYAL VICTORIA COLLEGE QUEENSTON ONT	B A 4 VI 9 0857
BRIGHTON GORDON ROSS 223 MONACO AVE PTE CLAIRE QUE	B ENG 1
BRILLON JACQUES 4053 VENDOME AVE MONTREAL 28 QUE	B ENG 2 DE 5180
BRINKER GERALD JERRY 5337 QUEEN MARY ROAD APT 4 MONTREAL QUE	B ENG 1
BRISSON JEAN JACQUES 2441 ROZEL ST MONTREAL QUE	B ENG 1 WE 3 5221
BRITT PIERRE M 5510 BORDEAUX ST MTL 48 DALY AVE OTTAWA ONT	B ENG MCH 4 LA 1 4755
BROADBELT DAVID 5102 KING EDWARD AVE MONTREAL QUE	B COM 4 HU 1 4668
BROCCOLINI SABATINO 2030 BELGRAVE MONTREAL QUE	B ENG CIV 3 HU 1 1030
BROCK DOUGLAS GORDON 20 BROCK AVE N MONTREAL WEST QUE	B SC 4 EL 9970
BRODECIR MARIE JULIETTE J 3450 DUROCHER ST APT 31 MONTREAL QUE	B C L 1 UN 1 5516
BRODERICK JOHN ANDREW 5176 DECARIE BLVD APT 9 MONTREAL QUE	B ENG CH 4 HU 1 2633
BRODEUR ROBERT 707 13TH AVE LACHINE STE HELENE CO BAGOT QUE	B ENG EL 3
BRODHEAD LESJE JULIANA ROYAL VICTORIA COLLEGE DARROW SCHOOL NEW LEBANON N Y U S A	PHYSIOTH 2 PL 0598
BRODIE MELVIN WILLIAM 1115 FIRST AVE VERDUN QUE	B ENG MCH 5 PO 9 0539
BRODIE ROBERT DONALD 101 FINCHLEY ROAD HAMPSTEAD QUE	B ENG 1 HU 1 1988
BRODKIN EDWARD IRWIN 657 ROSLYN AVE WESTMOUNT QUE	MD CM 1 EL 1767
BRODKIN ELLIOT 5801 CLANRANALD AVE MONTREAL QUE	MD CM 4 RE 3 2834
BRODKIN GLORIA JOYCE 657 ROSLYN AVE MONTREAL QUE	B A 1 EL 1767

NAME ADDRESS	COURSE & YEAR TEL. NO.
BROMKE ADAM 3445 APPLESON AVE MONTREAL QUE	PH D 1 RE 1 1843
BROMLEY RICHARD SCOTT 30 DUFFERIN ROAD MONTREAL WEST QUE	B ARCH 2 DE 6107
BRONSTEIN LEON 1564 LAJOIE AVE OUTREMONT QUE	B ENG PHY 3 CR 9 2383
BROOKHOUSE MARGARET L 38 LAKEVIEW ROAD BAIE D URFEE QUE	TCH INT 1
BROOKS LYNDA MARY 502 LANSDOWNE AVE WESTMOUNT QUE	B SC P ED 4 WE 7 1319
BROOKS RANDALL HARRIMAN 502 LANSDOWNE AVE WESTMOUNT QUE	M A 1 WE 7 1319
BROSS HENRY 130 ST JOSEPH BLVD W MONTREAL QUE	B SC 2 CR 4 8012
BROTMAN AARON 1780 VAN HORNE AVE OUTREMONT QUE	B COM 4 RE 1 6047
BROTMAN CAROL 11 HEATH ROAD HAMPSTEAD QUE	PHYSIOTH 1 HU 8 2120
BROTMAN MAXWELL 1780 VAN HORNE AVE OUTREMONT QUE	B COM 4 RE 1 6047
BROUILLETTE ALAIN 4505 COTE DES NEIGES MONTREAL 26 QUE	B ENG 1 RE 3 3114
BROUSEAU RAYMOND 53 ST LAURENT LONGUEUIL QUE	B ENG 1 OR 4 1955
BROUX PETER ARNOLD MACDONALD COLLEGE FV U J PUTTESTR 24 DELFT HOLLAND	B SC AGR 3
BROWN ALBERT EDWARD 79 LORNE AVE ST LAMBERT QUE	B ENG EL 4 OR 1 6341
BROWN BARBARA ELIZABETH 1 DE CASSON ROAD WESTMOUNT QUE	B L S 1 WE 5 8123
BROWN BARRIE HINCHCLIFFE 4484 SHERBROOKE ST LACHINE QUE	B A 4
BROWN BASIL ST JOHN INTERNES RESIDENCE MTL GENERAL HOSPITAL CEDAR AVE MONTREAL 25 QUE	MED DIPL 2
BROWN BERNARD 8143 BLOOMFIELD AVE MONTPEAL QUE	B ENG CH 5 CR 4 1664
BROWN CAROL SHRINERS HOSPITAL NURSES RESIDENCE R P 2 CORNWALL ONT	GR N CERT 1 PL 4464
BROWN CHRISTINA LUCILLE BOX 950 MACDONALD COLLEGE 194 SECOND ST ST LAMBERT QUE	TCH INT 2
BROWN CYRIL JOSEPH 3552 SHUTER ST MTL BECKFORD KRAAL P O JAMAICA B W I	B ENG CH 3 VI 5 7711
BROWN ELEANOR ISOBEL MACDONALD COLLEGE 238 FAIRLAWN AVE TORONTO ONT	B SC H EC 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BROWN GEORGE ARTHUR 5260 RANDALL AVE MONTREAL QUE	M SC 1 HU 9 7195
BROWN GORDON HARRISON 97 THURLOW ROAD MONTREAL 29 QUE	B SC 2 HU 1 2249
BROWN HUGH ALEXANDER 4031 COTE DES NEIGES MTL 2416 W 16TH AVE VANCOUVER B C	MD CM 3 FI 5861
BROWN JAMES J 4090 ROYAL AVE MTL 45 EASTBOURNE AVE HAMILTON ONT	B COM 4 HU 1 1156
BROWN JOHN 2070 KIMBERLEY ST MONTREAL QUE	B SC 2
BROWN JOYCE CONSTANCE 495 PRINCE ARTHUR ST W APT 12 MONTREAL 1 CHURCH HILL HERTFORD HEATH HERTFORD ENGLAND	PH D 2 AV 8 7968
BROWN KATHERINE LOUISE 5420 PRINCE OF WALES AVE MONTREAL QUE	B SC 2 HU 8 3715
BROWN KEITH CONRAD 1465 MACKAY ST APT 6 MONTREAL QUE	M A 2 AV 8 5373
BROWN LENNARD MAURICE 5546 DECELLES AVE APT 3 MONTREAL QUE	B ENG MCH 5 RE 3 7076
BROWN MARVIN 272 RACHEL ST EAST MONTREAL QUE	B SC 3 BE 1007
BROWN MAXWELL LINCOLN MACDONALD COLLEGE 49 SOMERSET AVE KINGSTON JAMAICA B W I	B SC AGR 2
BROWN MICAELA MARGARET 4717 UPPER ROSLYN AVE MONTREAL QUE	B A 4 HU 1 2659
BROWN REA ARTHUR 475 PINE AVE W MTL R R 1 CARDINAL ONT	B SC 4 BE 4270
BROWN RICHARD LACEY 4645 BEACONSFIELD AVE N D G MONTREAL QUE	B SC 2 EL 1844
BROWN ROBERT GEORGE BOX 2000 MACDONALD COLLEGE 17299 ST MARYS ROAD POINTE CLAIRE QUE	B SC AGR 3
BROWN SHERRILL ALICE 529 BEACONSFIELD BLVD BEAUREPAIRE QUE	TCH INT 1 OX 5 6272
BROWNE MARILYN ENA PETIT LACHINE ISLE PERROT SOUTH QUE	B SC AGR 1
BROWNLEE NORMAN M 5436 CLANRANALD AVE MONTREAL QUE	B COM 2 DE 3057
BROWNLEE ROBERT THOMAS W 3421 GRAND BLVD APT 2 MONTREAL QUE	MD CM 3 HU 8 4378
BROWNSTEIN SEYMOUR 5725 TRANS ISLAND AVE MONTREAL QUE	B SC 1 RE 7 2896
BROWNSTONE YEHOSHUA S 2865 GOYER ST APT 1 MONTREAL QUE	PH D 3 RE 8 4658
BRUCE CAROL ANN MCLENNAN HALL MTL 10 3RD ST HALIFAX N S	PHYSIOTH 3 PL 0044
BRUCE DARRYL ROBERT HUGH 771 CANORA ROAD TOWN OF MT ROYAL QUE	B COM 3 RE 8 1881
BRUCE ROBERT DOUGLAS 52 TUNSTALL AVE SENNEVILLE QUE	B SC AGR 1
BRUCE SANDRA MARGO ANN MACDONALD COLLEGE R R 1 BRITANNIA BAY ONT	B SC H EC 3
BRUCK ARLENE 517 CLARKE AVE WESTMOUNT QUE	WE 3 7719
BRUNDRITT JOHN KEITH WILSON HALL MOORETOWN ONT	B SC 3 BE 0624
BRUNEAU STEPHEN HUNTLY 3880 BROADWAY LACHINE QUE	B ENG 2 ME 7 6188
BRUNELLE SIMON 3426 BISHOP ST MONTREAL QUE	B C L 1
BRUNET IAN RAYMOND 830 DAVAAR AVE OUTREMONT 8 QUE	B ENG MCH 5 CR 2 5618
BRUNET ROBERT 8260 ST HUBERT ST MONTREAL QUE	B ENG 2
BRUNET ROLLAND JOSEPH BOX 4000 MACDONALD COLLEGE R R 2 HAWKESBURY ONT	B SC AGR 4
BRUNNING RICHARD DALE 419 PRINCE ARTHUR W MTL 1503 8TH AVE N GRAND FORKS N D U S A	MD CM 3 VI 5 1088
BRUNSWICK JOHN PHILIP 3825 DUPUIS AVE APT 19 201 N 7TH ST DELAVAN WISCONSIN U S A	MD CM 2 RE 8 3033
BRYAN ALBERT RAHR 7010 SHERBROOKE ST W MTL 4427 N MORRIS BLVD MONTREAL QUE	MD CM 3 VI 5 7045
BRYANT NORAH PAGE 461 ROSLYN AVE MONTREAL 6 QUE	B L S 1 WE 2 6543
BRYDEN DAWN EILEEN MACDONALD COLLEGE 1523 ST GEORGE ST TOWN OF LE MOYNE QUE	B SC AGR 3
BRYDEN MARK PHILIP 3820 ST KEVIN AVE MTL 26 BOX 37 WEST TOPSHAM VT U S A	M SC 2
BRYDON JOHN HOWARD MACDONALD COLLEGE 80 CAMBRIDGE ST GUELPH ONT	B SC AGR 1
BRYDON NANCY ELIZABETH 5656 QUEEN MARY ROAD HAMPSTEAD QUE	B SC N 1 DE 8985
BUCHAK ROXANNE MARION 131 CORNWALL AVE TOWN OF MT ROYAL QUE	D D S 1 RE 3 7346
BUCHAN GEORGE COLIN 3466 MACTAVISH ST 2418 N 40TH ST SEATTLE 3 WASH U S A	MD CM 4 AV 8 9533

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BUCHAN JAMES ERSKINE 5542 COOLBROOKE AVE MONTREAL QUE	B ENG EL 3 RE 8 5419
BUCHANAN ANSELAN BRIAN 3128 THE BOULEVARD MONTREAL QUE	B C L 1 WE 5 8452
BUCHNER JOHN BLVD SAN ANTONIO ABAD 4 SAN SALVADOR EL SALVADOR CENTRAL AMERICA	B SC 1
BUCKINGHAM CAROL 4890 QUEEN MARY ROAD APT 16 MONTREAL QUE	B ED 4 RE 3 3300
BUCKLEY BRIAN BLADON 3170 DELAVIGNE ROAD MONTREAL QUE	B COM 3 WE 7 8343
BUCKLEY RONALD ARTHUR 3485 MCTAVISH ST MTL 64 KING ST NORTH SYDNEY N S	M SC 1 VI 9 0141
BUDDO BRYANT JAMES 58 ELMWOOD AVE VALOIS QUE	B COM 1 OX 5 5137
BUDGE DONALD CAMPBELL 345 BERWICK AVE MONTREAL 16 QUE	B COM 3 RE 8 6110
BUDGE PATRICIA WENDY ROYAL VICTORIA COLLEGE H M C S NADEN ESQUIMALT B C	B SC N 1 PL 0597
BUDGE PETER JOHN 345 BERWICK AVE MONTREAL 16 QUE	B COM 1 RE 8 6110
BUDGELL EWART MUNDEN 3436 DUROCHER ST APT 12 344 MOWAT AVE KINGSTON ONT	B ENG 2 VI 9 9790
BUDNIK HELEN 2420 WORTELE ST MONTREAL QUE	B COM 1 LA 3 3812
BUDOVITCH MIRIAM ESTHER MCLENNAN HALL MTL 130 ABERDEEN ST FREDERICTON N B	PHYSIOTH 3 VI 9 0580
BUKA NORMAN 2835 LAURIER E MONTREAL QUE	MD CM 2 LA 4 1625
BUKLIS IRENE HELEN 4109 ST HUBERT ST MTL 140 CRAWFORD ST TORONTO ONT	B SC 4
BULCHAK WALTER BORDEN 475 PINE AVE W MTL 703 WINDERMERE AVE TORONTO ONT	D D S 2 BE 4270
BULLEN MILES REX BOX 31 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PARTIAL
BULLOCK LETTY LOUISE 70 52ND AVE LACHINE QUE	PHYSIOTH 4 ME 7 6978
BUNGE SUSAN FLORENCE MCLENNAN HALL 3 BRYDEN AVE CORNWALL ONT	PHYSIOTH 2 VI 9 0580
BUNKER DONALD HARRY 234 ST DENIS ST ST LAMBERT QUE	B ENG 1 OR 1 6670
BUNT RICHARD DOUGLAS HOOD 3508 UNIVERSITY ST MTL P O BOX H 182 ST JOHNS NEWFOUNDLAND	D D S 4 BE 0752
BURELLA ADELE 4857 JEANNE MANCE ST MONTREAL QUE	TCH ELEM 1 CR 1 2221
BURCHILL JAMES FRANCIS Y M C A DRUMMOND ST MTL BARTIBOG BRIDGE NEW BRUNSWICK	B SC 2
BURCOMBE BARBARA DALE 4862 PRINCE OF WALES AVE N D G MONTREAL QUE	TCH ELEM 1
BUREAU ROGER EUGENE A 3491 HUTCHISON ST MONTREAL QUE	B COM 1 BE 4272
BURGER EDWARD JAMES 3440 RIDGEWOOD AVE MTL 915 MILDRED AVE LORAIN OHIO U S A	MD CM 4 RE 1 2022
BURGESS DRUMMOND EATON 568 BERWICK AVE TOWN OF MT ROYAL QUE	B SC 4 RE 8 2602
BURGESS JOHN HERBERT 630 MURRAY HILL AVE WESTMOUNT QUE	MD CM 4 EL 1641
BURGESS PATRICIA JEAN 10 ROSEMOUNT AVE MONTREAL QUE	B A 1 WE 2 1534
BURKE BETTY 4702 COOLBROOK AVE MONTREAL QUE	B A 4 HU 1 9540
BURKE GERALD 3200 GOYER AVE APT 16 MONTREAL QUE	MD CM 4 RE 7 0728
BURKE MARY OLIVIA 333 COTE ST ANTOINE RD MONTREAL QUE	B A 1 HU 1 5321
BURKE ROBERT NEWMAN 4919 VAN HORNE AVE MONTREAL QUE	B A 4 RE 7 6310
BURKSON JOHN EMMANUEL MACDONALD COLLEGE 35 WEST 11TH AVE COLUMBUS OHIO U S A	B SC AGR 1
BURNETT ALVIN ALBERT P O BOX 27 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
BURNS NEAL MURRAY 3638 DUROCHER ST MTL 7515 N EAST PRAIRIE ROAD SKOKIE ILL U S A	PH D 3
BURNS PATRICIA AGNES 9025 PELOQUIN ST MONTREAL QUE	B A 2 DU 1 1797
BURNS ROBERT LEO 1400 DECARIE BLVD APT 2 VILLE ST LAURNET QUE	B SC 1
BURNS ROSE GREEN 3681 HUTCHISON ST MONTREAL QUE	M A 2 VI 9 7603
BURNSIDE JAMES DOUGLAS MACDONALD COLLEGE R R 3 MADOC ONT	B SC AGR 1
BURPEE PETER GRIER 5 RENFREW AVE WESTMOUNT QUE	B ENG MCH 4 DE 2484
BURPEE THOMAS RICHARD 5 RENFREW AVE WESTMOUNT QUE	B COM 2 DE 2484
BURSHTYN DOLORES 4581 BARCLAY AVE APT 8 MONTREAL QUE	B A 4 RE 3 7283
BURSHTYN HYMAN 4581 BARCLAY AVE APT 8 MONTREAL QUE	M A 2 RE 3 7283
BURWASH JOYCE ELIZABETH 4960 FULTON ST MONTREAL QUE	B A 3 RE 7 2348

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BUSCHER HANS MARTIN 3482 MCTAVISH ST MTL 220 CHURCH ST STRATFORD ONT	B ENG MCH 3 PL 1674
BUSCHLE GABRIEL FRANCIS 1569 MCGREGOR ST MTL 503 BERWICK ROAD SOUTH SYRACUSE 8 N Y U S A	D D S 4 WE 3 2157
BUSER RAOUL C 3445 RIDGEWOOD AVE APT 207 MTL 25 SWISS VILLAGE ST JOHNS QUE	B ENG CH 4 RE 7 4790
BUSH DAVID HENRY 3476 WEST BROADWAY MONTREAL QUE	B ENG CH 4 DE 8069
BUSHELL CAROL ANN 4625 GRAND BLVD APT 3 N D G MONTREAL QUE	TCH ELEM 1 DE 9308
BUSKARD LAURANCE HAROLD 3581 UNIVERSITY ST MTL FOXBORO P O FOXBORO ONT	B COM 4 VI 9 1368
BUSNER CHARLES LYON 5120 DARLINGTON AVE APT 6 MONTREAL QUE	B COM 1 RE 8 3123
BUSSEY BRIAN WILLIAM 1004 MOFFAT AVE VERDUN QUE	B ENG 1 PO 7 4071
BUSZO MIECZYSLAW 535 UNDERHILL PLACE MONTREAL QUE	B ENG 2 AV 8 1628
BUTKOV EUGENE PHYSICAL SCIENCES CENTRE 4115 ESPLANADE AVE APT 9 MONTREAL QUE	PH D 3
BUTKOVIC LOUIS SLAVKO 3486 JEANNE MANCE ST MTL 125 TYNDALL AVE TORONTO ONT	B ENG CIV 4
BUTLER DAVID GRAHAM 112 MONTREAL ROAD OTTAWA 2 ONT	B ENG CIV 4
BUTLER JAMES ARTHUR DOUGLAS HALL 401 KING ST OGDENSBURG N Y U S A	MD CM 3
BUTLER JOHN WARREN 4725 DOHERTY AVE MONTREAL QUE	B ENG EL 3 HU 8 6277
BUTLER KENNETH KEYES 5330 OBRYAN N D G MONTREAL QUE	B ENG CIV 3 HU 1 8813
BUTLER MICHAEL MURRAY MCGILL STUDENTS UNION 690 SHERBROOKE ST W MTL 5330 O BRYAN AVE MONTREAL QUE	B A 4 PL 1958 HU 1 8813
BUTLER RICHARD BERNARD C O MRS PORTEOUS 4330 MONTROSE AVE WSTMT KELVIN DELGANY CO WICKLOW IRELAND	M SC 1
BUTLER SUSAN RUTH ROYAL VICTORIA COLLEGE 13 ELMWOOD AVE SENNEVILLE QUE	B ED 3 PL 0327
BUTMAN ISRAEL 5565 WAVERLEY MONTREAL QUE	B ENG PHY 3 CR 1 1965
BUTSCH JOHN LORD 3561 LORNE AVE MTL 25 CHAPIN PARKWAY BUFFALO N Y U S A	MD CM 2
BUTT AUGUSTUS FREDERICK MACDONALD COLLEGE HEATHERTON WEST COAST NFLD	B SC AGR 3
BUTTARS ROBERT 1395 QUIMET ST VILLE ST LAURENT QUE	B COM 1 RI 4 4094
BUZEK JANUSZ ROMAN 4970 COTE DES NEIGES RD APT 12A MONTREAL 26 QUE	B ENG MET 3 RE 7 7359
BYERS ALBERT MARTIN 766 CANORA ROAD MONTREAL 16 QUE	B SC 2 RE 3 3752
BYERS CHARLES HARRY 9 KINGS ROAD VALOIS QUE	B ENG 1
BYERS DOUGLAS MALCOLM MACDONALD COLLEGE R R 2 TATAMAGOUCHE N S	B SC AGR 4
BYRNE BRIAN D ARCY 3647 UNIVERSITY ST MTL 7 LIGHTHOUSE LANE LIVERPOOL NOVA SCOTIA	B SC 1 VI 9 2806
BYRNE EDWARD MICHAEL 3647 UNIVERSITY ST MTL 7 LIGHTHOUSE LANE LIVERPOOL NOVA SCOTIA	B ARCH 4 VI 9 2806
BYSTRAM EUGENE THOMAS 3581 SHUTER ST MONTREAL QUE	B A 3 VI 5 1777

C

CABELDU FRANCES ADELE ROYAL VICTORIA COLLEGE 75 LAKEWAY DRIVE OTTAWA ONT	PHYSIOTH 1 VI 9 0030
CADIEUX JOHN PAUL ANTHONY 3832 GIROUARD AVE N D G 1220 BEATTIE ST NORTH BAY ONT	B ENG COM 5 HU 1 9516
CADIEUX ROCH GERALD 4872 DORNAL AVE MTL 11 LANG AVE P O BOX 822 KAPUSKASING ONT	B SC 3 RE 8 3951
CAESAR ARNOTT WINSTON 3602 DUROCHER ST APT 4 5 GRANSAUL ST SAN FERNANDO TRINIDAD B W I	B ENG 2
CAIN MARGARET ANGELA 6874 SHERBROOKE ST W APT 7 MONTREAL QUE	B COM 2 HU 1 8802
CAIRNIE JEAN GORDON ROYAL VICTORIA COLLEGE 12 ROSO RD BELMONT MASS U S A	B A 4 PL 0549
CAISEY EVA MARIE R ROYAL VICTORIA COLLEGE BLYTHE DALE BAILEY S BAY BERMUDA	B A 4 PL 0847
CAJKA RUDOLPH JOSEPH 8116 DUROCHER ST MONTREAL QUE	B ENG PHY 4 CR 7 5516
CALDER FRANK DRAPER 5663 QUEEN MARY ROAD MONTREAL QUE	B ENG CIV 4 HU 1 8904
CALDERISI DAVID 303 DESMARCHAIS BLVD VERDUN QUE	B ENG 2 PO 6 3333
CALDWELL DAVID WOODRUFF MACDONALD COLLEGE 240 53RD AVE LACHINE QUE	B SC AGR 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
CALETTI DANTE ANTHONY 667 DESAULNIERS ST LAMBERT QUE 665 KING EDWARD AVE OTTAWA ONT	B ENG PWR 5 OR 1 4927
CALLAGHAN ROSEMARY 5471 MONKLAND AVE MONTREAL QUE	B A 1 HU 9 4298
CAMBIERI ROSA MARIANNA 3800 DUPUIS AVE APT 19 APT AEREO 897 BARRANQUILLA COLOMBIA	PH D 3 RE 3 7624
CAMERON AIRLIE ANN C 3980 COTE DES NEIGES RD SIGNAL HILL LAKE PLACID N Y U S A	MD CM 1 WE 3 7110
CAMERON ELIZABETH JANE 49 PARKSIDE MONTREAL WEST QUE	B SC N 2 DE H915
CAMERON WAYNE HARVEY 98 PINE ST BROCKVILLE ONT	B ENG 2
CAMPBELL BRAHM BERNARD L 3285 LINTON AVE MONTREAL QUE	B A 4 RE 7 7187
CAMPBELL COLIN PATERSON 4846 CEDAR CRESCENT MONTREAL 29 QUE	B ENG 1 RE H 8252
CAMPBELL DAWN PATRICIA C O MRS H CRONE 1525 ST MARK ST APT 10 944 CONCESSION ST HAMILTON ONT	B L S 1 WE 5 2230
CAMPBELL DONALD KING 227 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B SC 4 RE 3 2208
CAMPBELL DOUGLAS CAMERON 5 5TH AVE DORVAL QUE	B ENG 2 ME 1 5135
CAMPBELL DWIGHT VICTOR L WILSON HALL 1A CHELSEA AVE HALF WAY TREE JAMAICA B W I	B ENG 1
CAMPBELL GEORGE CECIL BOX 5 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B ENG MCH 5
CAMPBELL GOODWILL ARNOLD MACDONALD COLLEGE NEW CARLISLE QUE	TCH ELEM 1
CAMPBELL MARGARET EILEEN 3465 STANLEY ST APT 5 4050 WEST 38TH VANCOUVER B C	B N 2 VI 9 5123
CAMPBELL MARJORIE FRANCES 5287 JEANNE MANCE ST MONTREAL QUE	TCH ELEM 1 CR 7 6173
CAMPBELL PETER STEPHEN G 3660 LORNE CRESCENT MTL KIRKS FERRY QUE	B ENG MCH 5 BE 6518
CAMPBELL RAMON 5 GLADSTONE AVE WESTMOUNT QUE	B SC 2 WE 3 8701
CAMPBELL ROBERT ALAN DOUGLAS HALL 5 BRAEMAR ST OTTAWA 2 ONT	M ENG 1
CAMPBELL ROBERT ARMSTRONG 5 FIFTH AVE DORVAL QUE	B ENG EL 4 ME 1 5135
CAMPBELL WILLIAM ROBERT 52 LANSDOWNE GARDENS PTE CLAIRE QUE	B ENG 1 OX 5 4987
CANIZARES FELIPE EXPOSITO 1565 PINE AVE W MTL AVE 13 NO 8209 MAVIANAO HAVANA CUBA	PARTIAL WE 2 2588
CANN MALCOLM CALVIN 143 HOLLAND AVE APT 1 OTTAWA ONT	PH D 4
CANNON DELANO CHANEY 115 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B ENG 2 RE 7 1994
CANTLIE GEORGE STEPHEN D 483 ROSLYN AVE WESTMOUNT QUE	MD CM 2 WE 7 1308
CANTOR KAYLA 4975 PRINCE OF WALES AVE N D G MONTREAL QUE	B A 2 HU R 4847
CANTOR KENNETH 5565 PARK AVE MONTREAL QUE	B SC 3 CR 4 7141
CANTRELL WARREN GORDON 3700 MASS AVE N W WASH 16 DC U S A	B A 4
CANTWELL BRIDGET MARY 41 STAYNOR AVE WESTMOUNT QUE	TCH ELEM 1
CANTWELL VIOLET ELEANOR 1280 PINE AVE W MTL R C N HOSPITAL H M C S STADACONA HALIFAX N S	GR N CERT 1 PL 9451
CAPE ARTHUR THOMAS 430 DUFFERIN RD HAMPSTEAD QUE	B SC 1 DE 5306
CAPE DAVID EDMUND SARAGUAY P O MONTREAL QUE	B ENG 2 RI 7 1277
CAPE MICHAEL GORDON 9568 STANLEY WEIR MONTREAL 29 QUE	B ENG 2 RE 1 4176
CAPEL MARION FRANCES 51 56TH AVE LACHINE QUE	B A 3 ME 7 0364
CAPELOVITCH BERNARD PETER 6408 MACDONALD AVE MONTREAL QUE	B COM 4 EL 0761
CAPELOVITCH LAURENCE 6440 DECARIE BLVD APT 403 MONTREAL QUE	B C L 4 RE 7 7537
CAPLAN BRENDA EDITH 126 BROCK ST MONTREAL WEST QUE	M SC 1 EL 7655
CAPLAN DAVID 5517 BORDEN AVE COTE ST LUC QUE	B ENG PHY 5 HU 9 1770
CAPLAN LAZARUS DAVID 5300 LENNOX AVE APT 303 MONTREAL QUE	B COM 1 RE 9 1622
CAPLAN LOIS REBECCA 3738 THE BOULEVARD WESTMOUNT QUE	B A 2 DE 6018
CAPLAN RONALD MERVYN 4985 CIRCLE ROAD MONTREAL QUE	B SC 4 RE H 2045
CAPPER ALFRED NORMAN 9 GROVE PARK WESTMOUNT QUE	B ENG PHY 3 WE 2 9129
CAPPARU GEORGE M 4472 DUPUIS AVE APT 36 110 LANSDOWNE AVE TORONTO ONT	RE 9 1230
CARAGIANIS EVANTHIA MARIA 4077 MELROSE AVE N D G MONTREAL QUE	M ARCH 1 HU 9 1592

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
CARBONNEAU GUY JOSEPH 4950 MONTCLAIR AVE N D G MONTREAL QUE	B ENG CIV 4 HU 8 5383
CARDINAL JOSEPH LIONEL 4251 MARQUETTE ST MTL CARDINAL MOTEL COURT ANCIENNE LORETTE QUE	B ARCH 2 LA 1 7901
CARDINAL RENE E 8412 ST HUBERT ST MONTREAL QUE	B ENG PHY 3 DU 8 9420
CAREY GERALDINE OLIVE ROYAL VICTORIA COLLEGE BOX 123 DUPARQUET QUE	B SC 4 PL 0327
CAREY PHILIP FREDERICK 581 KINDERSLEY AVE MONTREAL 16 QUE	B ENG COM 5 RE 7 5915
CARIGNAN ROBERT 65 SHERBROOKE ST W MTL 183 5TH ST SHAWINIGAN FALLS QUE	B ENG EL 3 AV 8 2316
CARLE MONIQUE LOUISE M 2650 BEAUBIEN ST MONTREAL QUE	B ENG 1 RA 1 4400
CARLIN FRANCIS TAYLOR 4863 VICTORIA AVE MONTREAL QUE	B COM 4 EL 4244
CARLSEN ANDREW BERT 3506 UNIVERSITY ST MTL 262 94TH STREET BROOKLYN 9 N Y U S A	B SC 2
CARMA KATHERINE ANNE ROYAL VICTORIA COLLEGE 119 WOODLAWN AVE MASSENA N Y U S A	B A 4 PL 0113
CARMICHAEL AUDREY HELEN 602 STANSTEAD AVE TOWN OF MT ROYAL QUE	B A 1 RE 7 6304
CARNEGIE ROBERT KENNETH 140 SIMCOE AVE TOWN OF MT ROYAL QUE	B ENG 1 RE 3 5695
CARON MELODIE MOLSON 25 PERREAULT AVE STE ANNE DE BELLEVUE 77 SUNNYSIDE AVE MONTREAL 6 QUE	B SC P ED 1
CARPENTER AUSTIN CLARK MACDONALD COLLEGE R R 2 CORNWALL ONT	B SC AGR 1
CARPENTER MICHAEL ARTHUR 375 VICTORIA AVE WESTMOUNT QUE	B ENG CH 4 HU 1 1486
CARPENTER MICHAEL JAMES 4281 BARCLAY AVE APT 6 MONTREAL QUE	MUS B 1 RE 7 5184
CARR ARNOLD JOHN STANLEY 1521 STEPHENS AVE VERDUN QUE	PARTIAL PO 6 5826
CARR RICHARD CHARLES 4090 ROYAL AVE MTL 16 1 2 PORTER ST BEVERLY MASS U S A	D D S 3 HU 1 1156
CARRALL DORA ANNE MACDONALD COLLEGE 111 20TH AVE ST EUSTACHE SUR LE LAC QUEBEC	TCH ELEM 1
CARRE AURELIEN WILSON HALL 58 RUE DU PONT JONQUIERE QUE	B ENG 1
CARRIER BRIAN RONALD MACDONALD COLLEGE 666 WARWICK DRIVE BAIE D URFEE QUE	B SC AGR 2
CARRIER NORMAND FRANCIS 3431 DRUMMOND ST MTL 12 ST LOUIS ST EDMUNDSTON N B	B ENG 1 VI 9 0243
CARRIERE PAUL PHILIPPE 108 ST JOSEPH ST DORVAL QUE	B C L 1 ME 1 3762
CARRIERE RITA MARGARET 3504 PARK AVE APT 19 MONTREAL QUE	PH D 5 BE 4195
CARRIERE ROCHELLE M BOX 493 BOURLAMAQUE QUE	TCH ELEM 1
CARRILLO GONZALO LOIS P O BOX 155 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	EDUCATION 1
CARROLL RITA MARGARET 6107 MONKLAND ST MTL MAXVILLE ONT	GR N CERT 1 HU 1 8576
CARRUTHERS JOYCE K 422 LANSDOWNE AVE WESTMOUNT QUE	B C L 2 WE 7 8441
CARSCALLEN ELIZABETH S MACDONALD COLLEGE 237 COMPTON AVE OTTAWA ONT	B SC AGR 2
CARSLEY TIMOTHY ROSS 509 CLARKE AVE WESTMOUNT QUE	B A 4 WE 2 2204
CARSON ISABELLE ANN 4328 SHERBROOKE ST W APT 26 MONTREAL QUE	B ENG EL 4 WE 2 7771
CARSWELL ROBERT SHANNON 46 MONTEE STE MARIE STE ANNE DE BELLEVUE QUE	B SC 2
CARTER ALFRED LAWRENCE 4650 WALKLEY AVE APT 9 N D G MONTREAL QUE	PH D 4 DE 1925
CARTER GEORGE F E 3502 UNIVERSITY ST MTL PAN VENEZUELAN OIL CO EDIFICIO UNION BLDG AVDA ABRAHAM LINCOLN CARACAS VENEZUELA	PH D 5 PL 2435
CARTER VIRGINIA LOUISE ROYAL VICTORIA COLLEGE 75 SUMMIT ROAD RIVERSIDE CONN U S A	B SC 4 PL 0876
CARTIER JEAN 1221 CRESCENT ST APT 5 MONTREAL QUE	M SC 1 UN 6 9180
CARVER MICHAEL POWYS 428 SHERBROOKE ST W APT 21 MTL LITTLE VINE COLWELL LANE MAYWARDS HEATH SUSSEX ENGLAND	B A 2 VI 9 4843
CARYLL DAVID BRIAN 230 WOLSELEY AVE MONTREAL WEST QUE	B ENG 1 DE 7426
CASAULT MICHELINE MARIE D 58 PALMERSTON AVE TOWN OF MT ROYAL QUE	M S W 2 RE 8 7913
CASEY CHARLES ARTHUR 528 LANSDOWNE AVE WESTMOUNT QUE	B SC 3 WE 7 4088
CASGRAIN JEAN PIERRE 11 FORDEN AVE WESTMOUNT QUE	B ENG 2 WE 5 5052
CASS GORDON WENDEL MACDONALD COLLEGE AYERS CLIFF QUE	AGR DIP 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
CASSAN STANLEY 1252 DUCHARME AVE MONTREAL 8 QUE	B SC 4 CR 4 4757
CASSAR JOSEPH EDWARD WILSON HALL 376 QUEBEC ST SHERBROOKE QUE	B C L 2 BE 0624
CASSIDY CLARE ADELE C ROYAL VICTORIA COLLEGE 796 OLD TRAIL HIGHLAND PARK ILL U S A	B SC 4 PL 0447
CASSIDY JANET ELIZABETH 8025 OUTREMONT AVE MONTREAL 15 QUE	TCH ELEM 1 CR 9 4498
CASSILS JOHN GILMOUR 483 PRINCE ALBERT AVE MONTREAL QUE	B SC 2 DE 3452
CASTANO ALBERT DAVID Y M C A DRUMMOND ST MTL 913 JAY ST UTICA NEW YORK U S A	M SC 1
CASTEL DAPHNE 5431 TRANS ISLAND AVE MONTREAL QUE	B A 3 HU 1 4754
CASTILLERO OSVALDO H CALLE 52 ESTE 16 PANAMA REP DE PANAMA	B SC 1
CASTLE WARMAN FREDERICK P 44 EASTON AVE MONTREAL WEST QUE	B SC 2
CASWELL CHARLES FREDERICK 26 SPRINGFIELD AVE WESTMOUNT QUE	M ENG 1 WE 7 9126
CATTERSON ALISTAIR GILMOU MONTREAL GENERAL HOSP FARNHAM QUE	MED DIPL 1 WE 5 6011
CATTO GERALD NOEL JOHN 14 5TH AVE VAUDREUIL TERRACE QUE	B ENG MCH 4
CAUGHEY PATRICK LYNCH 3436 DUROCHER ST MTL 1040 SO OXFORD GROSSE PTE 36 MICHIGAN U S A	MD CM 1 MA 9790
CAVADIAS GEORGE 195 TRENTON AVE TOWN OF MT ROYAL QUE	M ENG 1 RE 3 1790
CAVELL RONALD GEORGE 3581 UNIVERSITY ST MTL 740 14TH AVE LACHINE QUE	B SC 4 VI 9 1368
CAVENDER JOHN 548 PRINCE ARTHUR ST W SALEM NEW YORK U S A	MD CM 3 PL 0877
CAVERHILL WILLIAM AUSTIN 4090 ROYAL AVE N D G MONTREAL QUE	EDUCATION 1 HU 1 1156
CAWTHORPE HARRIETT AGNES REDDY MEMORIAL HOSPITAL MACFARLANE LAKE LOCKERBY QUE	MED DIPL 1
CAYFORD RICHARD ANTHONY 2344 WILSON AVE MONTREAL QUE	B SC 1 EL 0947
CEBRAPIO RUDY PAUL 1455 DRUMMOND ST APT 911 BOX 324 SCHREIBER ONT	B ENG 1
CECIL ROBERT MACDONALD COLLEGE BOX 36 STE ANNE DE BELLEVUE QUE	B SC AGR 2
CELIS GLORIA ROYAL VICTORIA COLLEGE CALLE 82 14 24 BOGOTA COLOMBIA	B ENG 1 PL 0265
CENERELLI JOHN PETER 8672 WAVERLEY ST MONTREAL QUE	B SC 2 DU 7 5522
CENNE IVARS 4845 COTE ST CATHERINE APT 18 MONTREAL QUE	D D S 4 RE 8 7294
CERIGO GEORGE GERASSIMO 5598 DECELLES AVE APT 4 MONTREAL QUE	M A 1 RE 1 0853
CHABOT DAVID LOUIS Y M C A 1441 DRUMMOND ST 49 CHRYSLER AVE OTTAWA ONT	B ARCH 3 VI 9 4171
CHABOT JAN C O CENTRAL Y M C A 1441 DRUMMOND ST MTL LOENSGAARD HARLOESE DENMARK	B COM 1
CHABOT JULIETTE 4245 DE LANAUDIERE MONTREAL QUE	M L S 2
CHADWICK DOLORES DIANE 5174 WESTBURY AVE MONTREAL QUE	B SC 2 EL 2621
CHAFFEY CHARLES ELSWOOD 1456 CRESCENT ST MONTREAL 25 QUE	B SC 1 VI 9 5056
CHALMERS DAVID ROBINSON HUDSON HEIGHTS QUE	B COM 1
CHAMBERS DAVID ARTHUR P 3570 SHUTER ST MTL LYNNMOUR B C	PH D 2 VI 9 8287
CHAMITOFF ASHLEY 5657 PARK AVE APT 8 MONTREAL QUE	B ENG 1 CR 6 8594
CHAN JOHN HIM 4101 ST URBAIN ST MONTREAL QUE	B SC 3 VI 5 8642
CHAN KOON KAY 3715 DROLET ST MONTREAL QUE	B SC 1 BE 7339
CHAN KWOK HUNG 3527 LORNE AVE MTL 223 WANCHAI ROAD WANCHAI HONG KONG	B SC 2
CHAN PANG LING 3631 LORNE CRES APT 6 8 COMFORT TERRACE KINGS ROAD HONG KONG	B SC 3 PL 0690
CHAN SHIU HON HENRY 3439 SHUTER ST APT 8 MTL 55 FORT ST GROUND FLOOR NORTH POINT HONG KONG	B ENG 1
CHAN TSIU CHIU 3537 SHUTER ST MTL 21 YUET YUEN ST GROUND FLOOR HONGKONG	B ENG 2
CHANDLER JOHN HERBERT BRITTAIN HALL MACDONALD COLLEGE SOUTH RUSTICO P E I	B SC AGR 4
CHANDLOR SHELDON HARVEY 4840 MELROSE AVE N D G MONTREAL QUE	B ENG 1 HU 1 4147
CHANG CHING JU 3436 DUROCHER ST APT 8 MONTREAL QUE	M ENG 2 VI 5 2616
CHANG HAJJI YUSUF 484 9 PRINCE ARTHUR ST 21 CHUNGKING ROAD SOUTH TAIPEI TAIWAN	M A 1 VI 9 0677

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
CHANG HANG SHING 3600 UNIVERSITY ST MTL 19 PRAT AVE KOWLOON HONG KONG	M SC 1 AV 8 6307
CHANG HERMAN 3615 UNIVERSITY ST MTL BOX 53 VAUXHALL ALTA	B ENG MCH 3
CHANG THOMAS MING SWI 629 PRINCE ARTHUR ST W 6 CORNWALL ST KOWLOON HONG KONG	MD CM 1 VI 5 3552
CHANKOWSKY SOLOMON 5272 MCLYNN AVE MONTREAL QUE	B ENG 1 RE 1 2094
CHANNELL BARBARA GRACE MACDONALD COLLEGE 25 QUEENS PARK WEST PORT OF SPAIN TRINIDAD B W I	B SC H EC 4
CHAREST CLAUDE 425 MT ROYAL AVE W MTL 10 WILLIAM STREET HAWKESBURY ONT	B SC 2 CR 4 7681
CHAREST JOSEPH PAUL E 258 SHERBROOKE ST W 116 ST ROCH ST TROIS RIVIERES QUE	B ENG 1 BE 7102
CHARLAND GERMAIN AUBERT S 5021 CLARK ST MONTREAL QUE	B COM 1
CHARLEBOIS LOUIS GABRIEL 1456 CHOMEDY ST MTL C P 508 MANIWAKI QUE	B ENG PWR 5 WE 5 7084
CHARLES CHRISTABEL P 3495 MOUNTAIN ST APT 110 MONTREAL QUE	B A 2
CHARLES DAVID NOEL HUGHES 48 WINDSOR AVE WESTMOUNT QUE	B SC 1 EL 0224
CHARLES GEORGE EDWARD 3511 SHUTER ST APT 44 1602 FRIGON ST SHAWINIGAN FALLS QUE	PH D 4 BE 6538
CHARLES KOILPILLAI J 3625 OXENDEN AVE MONTREAL QUE	PH D 3 PL 1156
CHARLESWORTH GLADYS MARY 3532 LORNE AVE MTL 892 ELIZABETH ST NORTH BATTLEFORD SASK	GR N CERT 1 VI 9 6760
CHARNABRODA ISMAEL 3600 UNIVERSITY ST MONTREAL QUE	B ENG 1 AV 8 6307
CHARNEY MELVIN 6292 DE VIMY AVE MONTREAL QUE	B ARCH 6 RE 8 7452
CHARNEY MORRIS 6292 DE VIMY AVE MONTREAL QUE	B ARCH 2 RE 8 7452
CHARRON JEAN MAURICE 3547 HUTCHISON ST MTL 51 COURCELETTE ST HULL QUE	B ENG EL 4 VI 5 3053
CHASE JACK DONALD 3485 MCTAVISH ST MTL PORT WILLIAMS KINGS COUNTY N S	B ENG CH 5 VI 9 0141
CHASE LOIS CHRISTINE F 1650 SHERBROOKE ST W MTL 1572 MASSACHUSETTS AVE CAMBRIDGE 38 MASSACHUSETTS U S A	PH D 5 WE 5 0544
CHATEL JACQUES 451 MT PLEASANT WESTMOUNT QUE	B ENG 1 WE 2 4549
CHATSWORTH OLIVE PATRICIA ROYAL VICTORIA COLLEGE 447 LINWOOD AVE BUFFALO 9 N Y U S A	B A 2 PL 0495
CHATTERJEE ASIT KUMAR 4 ST VIATAR RIGAUD QUE	MED DIPL 3
CHAUVIN HENRI GUY 4876 COTE DES NEIGES RD APT 3 MONTREAL QUE	B COM 3 RE 7 8270
CHAVEZ CLAUDIO 1460 MCGREGOR ST MONTREAL QUE	B ENG 2 BE 2467
CHAYKOWSKY VALERIE OLGA 6315 TENTH AVE MONTREAL 36 QUE	B A 3 RA 2 5385
CHEASLEY CLIFFORD S 7 RENNIE AVE MONTREAL WEST QUE	B A 3 DE 6262
CHEEK JOAN MARILYN WOMENS RESIDENCE MACDONALD COLLEGE STANBRIDGE EAST QUE	TCH ELEM 1
CHEEMA INDER SINGH MACDONALD COLLEGE C O J E THOMPSON MULLER & PHIPPS OF INDIA BOMBAY INDIA	B SC AGR 3
CHEIFETZ PHILIP NATHAN 64 COTE ST CATHERINE RD OUTREMONT QUE	MD CM 2 CR 1 2735
CHEN CECILIA HSIU LING 3467 ONTARIO AVE 10 MONMOUTH TERRACE KENNEDY ROAD HONG KONG	M A 1 VI 9 3814
CHEN WELLINGTON PAUL 3530 DUROCHER ST APT 20 50A MOLYNES ROAD HALF WAY TREE JAMAICA B W I	B ENG CIV 4 PL 4720
CHERNEY ENRICA 5154 N D G AVE N D G MONTREAL QUE	B A 3 DE 8635
CHEROW MIRIAM 6667 DE VIMY AVE MONTREAL QUE	M S W 2 RE 3 8837
CHERRY ROSLYN 4 MAPLE AVE STE ANNE DE BELLEVUE QUE 8007 OUTREMONT AVE MONTREAL QUE	TCH ELEM 1
CHERUN CAROL ANN ROYAL VICTORIA COLLEGE 221 HOLLAND AVE OTTAWA ONT	B A 4 PL 0526
CHEUNG DAVID TUNG CHEE 196 JAVA ROAD 3RD FLOOR HONG KONG	B SC 1
CHEUNG LILY SO KING ROYAL VICTORIA COLLEGE 31A GRANVILLE ROAD 2ND FLOOR KOWLOON HONG KONG	B SC 3 PL 0526
CHEW TING WAI 78 RUE GUILBAULT MTL 198 TAI PO ROAD KOWLOON HONG KONG	B ARCH 3 RE 8527
CHIANG MORGAN SUI MING P O BOX 105 MACDONALD COLLEGE DEPT OF AGRONOMY NTL TAIWAN UNIVERSITY TAIPEI FREE CHINA	M SC 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
CHIARAVALLOTI JOSEPH J 3527 LORNE AVE MTL QUE BOX 398 WILTON MAINE U S A	B A 3 PL 6339
CHIASSON CAMILLE MARCELLE 3713 STE FAMILLE ST MTL LAMEQUE GLOU CO N B	B SC 3 VI 9 9915
CHIDZERO BERNARD T G 3535 SHUTER ST MTL C O CHIZERO & SONS P O HIGHFIELD SALISBURY SOUTHERN RHODESIA	PH D 4 BE 0841
CHILAKOS JOHN MACDONALD COLLEGE 216 ST CYRILLE ST W QUEBEC CITY QUE	B SC AGR 2
CHILDE EDWARD ARTHUR MONTREAL GENERAL HOSP 62 MT ROYAL CRESCENT ST JAMES MAN	MED DIPL 1 WE 7 6011
CHILTON MARVIN EUGENE P O BOX 85 MACDONALD COLLEGE RT 3 BOX 110 HIGH POINT N C U S A	B ENG COM 5
CHIN DAVID TARE WONG 3790 CITY HALL AVE MTL 368 MAIN ST YARMOUTH N S	B ENG CH 3 AV 8 7592
CHIN EDWARD JIN HUNG 3525 UNIVERSITY ST MTL 343 SHERBOURNE ST TORONTO ONT	MD CM 3 VI 9 0208
CHIPMAN CAROL ANN ROYAL VICTORIA COLLEGE BEDFORD HALIFAX CO N S	PHYSIOTH 2 PL 0571
CHIPPENDALE NORMAN HENRY 645 4TH AVE VERDUN QUE	B A 4 PO 6 5901
CHISHOLM DOROTHY LEL 3310 MAPLEWOOD AVE APT 10 MONTREAL QUE	GR N CERT 1 RE 1 6129
CHISHOLM MARILYN CHERYL 50 LAZARD AVE MONTREAL 16 QUE	B A 1 RE 8 3065
CHISHOLM THOMAS ANGUS P 3637 UNIVERSITY ST 185 DUNVEGAN ROAD TORONTO ONT	B ENG 1 VI 9 1736
CHIU SHIN YAT SYLVESTER 3550 SHUTER ST APT 2 MTL 697 ROBINSON ROAD GROUND FLOOR HONG KONG	B SC 2
CHIU WALLACE PETER 2077 AYLMER ST MTL 182 GEORGE ST OTTAWA ONT	B ARCH 5
CHO CHU CLAUD BERNARD 3611 PARK AVE MTL 87 ROBB ALEXANDER ST LACYTOWN GEORGETOWN BRITISH GUIANA	B SC 1 VI 5 8591
CHOQUETTE JOSEPH ARMAND A 6534 BORDEAUX AVE MONTREAL 35 QUE	B ENG 1 RA 8 0397
CHOQUETTE MICHEL ROBERT 1480 DRUMMOND ST MONTREAL QUE	B A 1 PL 6033
CHORAS PETER THEODORE G 345 PINE AVE W MTL 94 CURTIS ST ST THOMAS ONT	MD CM 3
CHOW JIM 3431 DRUMMOND ST MTL CHARLIES HOTEL KIRKLAND LAKE ONT	B ENG MI 3
CHOW PAUL 5895 HUTCHISON ST MTL 5680 PARK AVE MONTREAL 8 QUE	B ENG CH 3 CR 1 6853
CHOW RONALD 1831 LAURIER AVE EAST MONTREAL QUE	B ENG MI 3
CHOW YUNG LEONARD 3512 SHUTER ST MTL 16 JORDAN ROAD KOWLOON HONG KONG	B ENG PHY 3
CHRISTENSEN ELIZABETH H MACDONALD COLLEGE 805 MURRAY AVE QUEBEC CITY QUE	TCH INT 2
CHRISTENSEN PETER FRIIS 13 ROY AVE DORVAL QUE	B ENG 2 ME 1 1305
CHRISTIE ANNA MARY MACDONALD COLLEGE 3 TUNSTALL AVE SENNEVILLE QUE	B SC H EC 4
CHRISTIE JANET ELLEN 1700 MCGREGOR ST APT 15 MONTREAL QUE	B A 3 WE 3 6120
CHRISTIE MARGARET ANNE MACDONALD COLLEGE 1555 ST GERMAIN ST VILLE ST LAURENT QUE	TCH INT 1
CHRISTMAS GILLIAN MACDONALD COLLEGE 44 ACADEMY ROAD APT 12 MONTREAL 6 QUE	HOMEMAKER 1
CHRITCHLEY JACK HARRY 3653 UNIVERSITY ST MTL 4403 CORONATION DRIVE CALGARY ALBERTA	B SC 3 PL 2073
CHRYSSOLOR CONSTANTINE 1760 DECELLES VILLE ST LAURENT QUE	B ENG CIV 3 RI 7 7227
CHU PATRICK KA HANG MACDONALD COLLEGE 123 CAINE ROAD HONG KONG	B SC AGR 4
CHUEB JOHN DAVID MACDONALD COLLEGE NEW LOWELL ONT	B SC AGR 1
CHUE PETER WING Y 7582 OUTREMONT AVE MTL 77 KOW WAH KINK VILLA HONG KONG	D D S 2
CHUNG WAH PUI Y M C A DRUMMOND ST MTL 107 HENNESSY RD G F HONG KONG	B ENG 1
CHURCH BARBARA HAY 3480 ONTARIO AVE MTL 10 WILSON ST W PERTH ONT	PHYSIOTH 3 PL 0044
CHURCH FLORA MACPHERSON 4 SUMMERHILL TERRACE MONTREAL QUE	B A 1 WE 2 6274
CIOTOLA JOSEPH GEORGES 155 EAST MOZART AVE MONTREAL QUE	B A 2
CIPRICK WILLIAM JOHN 3581 SHUTER ST MT BOX 704 POWELL RIVER B C	MD CM 4 AV 8 6760
CITRIN JACOB DOUGLAS HALL 498 3 CHOME SHIMOMEGURO TOKYO JAPAN	B A 1

DIRECTORY OF STUDENTS

Where two addresses are given. the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
CLAMEN ALLEN 2575 GOYER ST MONTREAL QUE 5295 KING EDWARD AVE N D G MONTREAL QUE	B ENG 2 RE 9 0330 HU 9 3119
CLAMEN STANLEY 5295 KING EDWARD AVE N D G MONTREAL QUE	B COM 2 HU 9 3119
CLARE LIONEL ARTHUR DOUGLAS HALL PROSPECT FARM GREEN ISLAND P O JAMAICA B W I	B SC 2
CLARK ANN BARBARA 880 ST CLARE RD MONTREAL QUE	PHYSIOTH 1 RE H 3213
CLARK BARRY FERGUSON 3851 UNIVERSITY ST MTL 639 15 STREET SOUTH LETHBRIDGE ALTA	B SC 4
CLARK DOROTHY CHARLOTTE E 456 PINE AVE W APT 6 MTL C O MRS FRANK CLARK CARLETON PLACE ONT	GR N CERT 1 AV 8 5676
CLARK ERIC LEE 145 DUFFERIN ST MTL P O BOX 268 MALARTIC QUE	B C L 1 DE 1012
CLARK GERALDINE FRANCIS 20709 LAKESHORE ROAD STE ANNE DE BELLEVUE 788 EGAN AVE VERDUN QUE	TCH ELEM 1
CLARK IAN CHRISTIE 3571 SHUTER ST APT 6 MONTREAL QUE	M A 2 AV H 3063
CLARK JOHN CHARLES 3485 MCTAVISH ST MTL 521 LEWIN PARK LANCASTER N B	B ENG CH 4 VI 9 0141
CLARK JOHN MERRELL M 3472 MCTAVISH ST MTL 133 LINCOLN AVE ORCHARD PARK N Y U S A	D D S 3 VI 5 H001
CLARK LLOYD ALLEN 1678 IRVING ST N W WASHINGTON 10 D C 1156 MAIN ST NORTH BATTLEFORD SASKATCHEWAN	PH D 4
CLARK LORNE SHELDON 4754 MAPLEWOOD AVE MONTREAL QUE	B A 3 RE H 2643
CLARK MARION ANNE ROYAL VICTORIA COLLEGE 61 LONGWORTH AVE CHARLOTTETOWN P E I	PHYSIOTH 1
CLARK PETER OSGOODE PRESBYTERIAN COLLEGE 463 BROADVIEW AVE OTTAWA ONT	B ENG PHY 3 VI 9 0141
CLARK ROY FREDERICK 80 HILLCREST AVE VILLE ST PIERRE QUE	MED DIPL 1
CLARK SAMUEL SMITH 3465 STANLEY ST 711 CONCORD AVE WILMINGTON 2 DELAWARE U S A	MD CM 4 AV H 3971
CLARK SUZANNE HENRIETTE MACDONALD COLLEGE BOX 256 STE AGATHE DES MONTS QUE	B SC AGR 2
CLARKE HAROLD DIGBY T 449 STANSTEAD CRESCENT TOWN OF MT ROYAL QUE	B C L 2 RE 7 5971
CLARKE JOHN GORDON DOUGLAS HALL WORTHY PARK EWARTON P O JAMAICA B W I	B ENG 2 BE 0977
CLARKE JOSEPH BRIAN 640 MITCHELL AVE T M R 1622 WINTERHAVEN ROAD PORT CREDIT ONT	B ENG 2 RE H 1658
CLARKE LOREN SELBOURNE 2066 MANSFIELD ST MONTREAL QUE	B ENG 1
CLARKE MARGARET JEAN MACDONALD COLLEGE P O 113 LENNOXVILLE QUE	TCH ELEM 1
CLATTENBURG ANNE ROYAL VICTORIA COLLEGE 705 VERNON ROAD PHILADELPHIA 19 PENNA U S A	B SC 2 PL 0147
CLAYTON JOAN ELIZABETH 250 LANSDOWNE AVE MONTREAL QUE	PHYSIOTH 2 WE 5 1084
CLEGG LESLIE KENT 651 VICTORIA AVE WESTMOUNT QUE	B ENG CH 5 EL 1434
CLEGG MARGARET EDITH 651 VICTORIA AVE WESTMOUNT QUE	H A 2 EL 1434
CLEGHORN JOHN MARNOCH 3160 ST SULPICE ROAD MONTREAL 6 QUE	MD CM 4 WE 3 5000
CLEGHORN SHEENA 3160 ST SULPICE ROAD MONTREAL 6 QUE	M A 2 WE 3 5000
CLEMENT DOROTHY ELIZABETH BOX 950 MACDONALD COLL 4441 EARNSCLIFFE AVE N D G MONTREAL QUE	TCH INT 1
CLEMENT FRANCOIS BEIQUE 9 ST LOUIS ROAD LOWER WOODLANDS CHATEAUGUAY QUE	B ENG 2 OL 7 4969
CLEMENT JUDITH ANN MACDONALD COLLEGE 319 STRATHEARN AVE MONTREAL WEST QUE	B SC AGR 1
CLENMAN JOEL 5720 NORTHMOUNT AVE MONTREAL 26 QUE	B ENG 2 RE 3 7020
CLIBRON PETER BROOKE 507 VICTORIA AVE WESTMOUNT QUE	B A 3 WE 2 0510
CLICHE JOHN PAUL 300 SHERBROOKE ST W MTL 10 AGNES ST LAKE MEGANTIC QUE	B COM 4 PL 0590
CLICHE JOSEPH CHARLES H 11 OLDFIELD AVE MONTREAL QUE	B C L 4 WE 5 0872
CLIFFORD GEORGE ERNEST 3508 UNIVERSITY ST MTL 3343 WELLINGTON ST VERDUN QUE	B D 1 BE 0752
CLOKIE COLIN ALEXANDER L 1458 MACKAY ST MTL 395 ST GERMAIN AVE TORONTO ONT	D D S 4 WE 5 3754
CLOSE ANTHONY DEREK 1475 CALEDONIA ROAD MONTREAL 16 QUE	H ENG 1 RE 9 3967
CLOUGH WILLIAM AUGUST 2227 FLEMING RD TOWN OF MT ROYAL QUE	B ENG 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
CLOUTIER GILLES GEORGES 6235 42ND AVE MONTREAL 36 QUE	PH D 4 CL 6 0846
CLOUTIER ROBERT 2150 5E AVE TROIS RIVIERES QUE	B ENG 1
CLOUTIER WILLIAM LOUIS M 1156 ST MARK ST APT 11 120 ELM ST GRANBY QUE	B SC 2 WE 2 3647
CLOWES ISOBEL PATRICIA 5150 WESTHILL AVE APT 1 MONTREAL QUE	MUS B 1 DE 8824
CLYKE EMILY CHRISTINE 5325 WEST BROADWAY AVE MONTREAL QUE	M S W 2 HU 8 5783
COCKERLINE MORLEY BRUCE 3690 PARK AVE MONTREAL QUE	B ENG 1
COCKHILL MELVYN EDWARD 5161 QUEEN MARY ROAD APT 7 MONTREAL QUE	B SC 2 HU 8 8194
CODE BARRY LORNE 4530 MARCIL AVE N D G MONTREAL QUE	B ENG 1 EL 4565
CODRINGTON WALTER R L 500 PINE AVE W MTL BRITTONS CROSS ROAD ST MICHAEL NO 16 BARBADOS B W I	MD CM 4 RE 1323
COE NOEL ELIZABETH ROYAL VICTORIA COLLEGE BOX 85 KING ONT	B A 4 PL 0526
COEN IRVING ISAAC 3786 KENT AVE MTL P O BOX 539 WINDSOR NFLD	D D S 2 RE 9 1202
COFFIN DAVID EARLE BOX 87 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
COGAN MURRAY IRVING 4438 KENT AVE MONTREAL QUE	B ENG MCH 3 RE 7 7188
COHEN ABRAHAM HASCAL 5975 WILDERTON AVE MONTREAL QUE	B ENG 1 RE 8 8421
COHEN ANN 6415 VICTORIA AVE APT 200 MONTREAL QUE	B SC 3
COHEN BEATRICE 4912 LACOMBE AVE MONTREAL QUE	B A 4 RE 8 4381
COHEN BETTY LEONA 5020 GROSVENOR AVE MONTREAL 6 QUE	B A 3 RE 1 1068
COHEN CARL STUART 3420 PEEL ST MTL 520 WYANDOTTE ST RIVERSIDE ONT	B COM 4 RE 7812
COHEN DAVID 4750 MERIDIAN AVE MONTREAL QUE	B ENG CH 5 DE 6337
COHEN DIAN NUSGART 5551 QUEEN MARY ROAD APT 4 MONTREAL QUE	M A 2 HU 8 0151
COHEN DOROTHY ESTHER 4880 CIRCLE ROAD MONTREAL QUE	B A 2 DE 1991
COHEN GERALD 5250 PARK AVE APT 1 MONTREAL QUE	B ENG 2 CR 7 6013
COHEN GERALD ALLAN 403 ST JOSEPH BLVD W APT 18 MONTREAL 8 QUE	B A 1 CR 7 5073
COHEN GERARD ELIE 5873 ST URBAIN ST MONTPEAL 14 QUE	B SC 1 CR 7 0916
COHEN HOWARD THOMAS 537 LANSDOWNE AVE WESTMOUNT QUE	B COM 1 HU 1 6740
COHEN JACK 403 ST JOSEPH BLVD W APT 15 MONTREAL QUE	MD CM 3 CR 4 0703
COHEN JERRY MORRIS 4996 ISABELLA AVE MONTREAL QUE	B ENG 1 RE 7 1488
COHEN JESSE JOHN 4615 COTE ST CATHERINE MONTREAL 29 QUE	B SC 3 RE 8 1216
COHEN JUDITH MARION 705 OUTREMONT AVE MONTREAL QUE	PHYSIOTH 2 CR 2 4341
COHEN KATHERINE LOUISE 721 UPPER ROSLYN AVE WESTMOUNT QUE	MUS B 2 EL 0318
COHEN MARTIN LAWRE CE 4816 MELROSE AVE MONTREAL QUE	PARTIAL EL 7979
COHEN MITCHELL 4775 ROSLYN AVE MONTREAL QUE	B SC 3 HU 1 1309
COHEN MOE MORRIE 5637 DARLINGTON AVE MONTREAL QUE	B COM 2 RE 7 5720
COHEN MONROE WALLACE 3060 LINTON AVE APT 5 MONTREAL 26 QUE	B SC 1 RE 3 9032
COHEN MORTIMER JOSEPH 4909 DORNAL AVE MONTPEAL QUE	B ENG CH 3 RE 8 0437
COHEN NAOMI 5225 DE VIMY AVE MONTREAL QUE	B SC N 1 RE 8 6124
COHEN PAUL BARRY 5940 MONKLAND AVE APT 12 N D G MONTREAL QUE	B A 3 DE 2646
COHEN PERRY IAN 3484 DUROCHER AVE MTL BOX NO 60 SUTTON QUE	B A 2 BE 6414
COHEN ROCHELLE MIRSKY 4617 OXFORD AVE MONTREAL QUE	DE 5329
COHEN SANDRA TREHUB 6275 NORTHCREST PLACE APT 1012 MONTREAL QUE	B COM 3 RE 1 6228
COHOS MARTIN 1027 PRATT AVE MONTREAL QUE	B ARCH 6 RE 3 3977
COIT NANCY ALDEN 3025 SHERBROOKE ST WEST APT 25 MTL POND ST HOPKINTON MASS U S A	PHYSIOTH 2 WE 7 1331
COLBY CHARLES WILLIAM 4040 TRAFALGAR ROAD MONTREAL QUE	B ENG 1 WE 2 9685
COLE KENNETH EDGAR LYON 3592 UNIVERSITY ST MTL 302F ST STEVENS COURT TORONTO 18 QUE	B ENG EL 3 PL 2435
COLE NORMAN WILFRED 35 ELLERDALE ROAD HAMPSTEAD QUE	B ENG EL 3 DE 2412

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
COLES DOUGLAS TERRY 3651 DUROCHER ST MTL R D NO 1 BEMUS POINT N Y U S A	MD CM 4 AV H 5320
COLES ELIZABETH TEMPORAL ROYAL VICTORIA COLLEGE 350 COURT ST KEENE N H U S A	B SC 1 VI 9 0993
COLLIN ARTHUR EDWIN DEPT OF GEOGRAPHY R R 1 BYRON ONT	PH D 2
COLLINS BARBARA FRANCES 175 DUFFERIN ROAD MONTREAL QUE	B SC N 1 HU 9 4358
COLLINS DAVID BRIGGS 3535 DUROCHER ST APT 1 ROTHESAY STRATHCLYDE ST MICHAEL BARBADOS B W I	B COM 3
COLLINS LLOYD GERALD MACDONALD COLLEGE R R 6 COBDEN ONT	B SC AGR 2
COLLIS PETER JOHN 3110 LINTON AVE APT 1 MONTREAL QUE	M S W 1 RE 3 5060
COLLYNS PHILIP ARTHUR 3434 MCTAVISH ST MTL 86 COUNTESS ROAD AMESBURY WILTS ENGLAND	B ENG MCH 4 PL 4492
COLPITTS MAX EDWARDS MACDONALD COLLEGE R R 1 SALISBURY N B	B SC AGR 3
COLPITTS ROBERT MERLE MACDONALD COLLEGE R R 1 SALISBURY N B	B SC AGR 4
COLTHURST GEORGE WILLIAM 2014 VICTORIA ST MTL GREEN ST TUNAPUNA TRINIDAD B W I	B ENG 1
COLUMBUS NATHAN 8685 BLOOMFIELD AVE MONTRLAL QUE	B SC 2 CR 1 2190
COMEAU GERALD EDWARD P O BOX 137 DONNACONA QUE	B ENG EL 4
COMMON ALICE EDITH R 3524 DUROCHER ST APT 8 C O MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 1 BE 2455
COMPAGNONE SALVATORE J 548 PRINCE ARTHUR ST W 48 CHESTERFIELD ST HYDE PARK MASS U S A	MD CM 2 PL 0877
COMTOIS GERARD JOSEPH P E 8470 REIMS ST MTL 12 34 LAMONTAGNE AVE QUEBEC CITY QUE	B ENG EL 4 DU 7 5430
CONAN YVES ALAIN 38 TERRASSE CORBEIL LAVAL DES RAPIDES QUE	B ENG CIV 4 MO 4 6125
CONDY HARVEY ALEXANDER 972 CLIFTON AVE MONTREAL QUE	B ENG CH 4 EL 3314
CONLIFFE MARK SHANKLAND 3473 UNIVERSITY ST MTL PAKENHAM ONT	
CONNELLY SHIRLEY MABEL MACDONALD COLLEGE 380 ISLAND PARK DRIVE OTTAWA ONT	HOMEMAKER 1
CONNOR ANN ELIZABETH ROYAL VICTORIA COLLEGE 267 JUBILEE ROAD HALIFAX N S	B A 2 PL 0634
CONROY FREDA 34 ST ANNE ST STE ANNE DE BELLEUVE QUE 4461 LINTON AVE APT 9 MONTREAL QUE	TCH ELEM 1
CONROY ROBERT MALCOLM BOX 46 MACDONALD COLLEGE QUE	MD CM 3
CONSTANTINE MORTIMER J 5950 COTE DES NEIGES RD APT 27 MONTREAL QUE	B C L 1 RE 3 0529
CONSTANTINE THEODORE 274 DESMARCHAIS BLVD VERDUN QUE	B ENG CH 4 PO H 1248
CONSTANTINOPLE JAMES D ALPHA DELTA PHI 3478 MCTAVISH ST MTL 4H40 GLENBROOK ROAD N W WASHINGTON D C U S A	PL 7412
CONVERSE ELIZABETH JEAN 157 GLENCOE AVE MONTREAL 16 QUE	B SC N 1 RE 7 5634
CONVEY CECIL GEORGE 3653 UNIVERSITY ST MTL BOX 66 KAPUSKASING ONT	B COM 4 VI 5 2738
COOK CHARLES STUART 321 MONMOUTH ROAD TMR 15 KIRK ST FARNHAM QUE	B ENG EL RE 7 2728
COOK GORDON RAYMOND 246 CARLYLE AVE MONTREAL 16 QUE	B SC 3 RE H 3886
COOK HERBERT GEORGE 438 STRATHCONA AVE WESTMOUNT QUE	M A 3 WE 7 3898
COOK WAYNE FREDRICK MACDONALD COLLEGE BURY QUE	TCH INT
COOKE ALAN GORDON RICHARD 3660 DUROCHER ST MTL BOX 213 SUNAPEE N H U S A	M A BE 3814
COOKE CHARLES GRAHAM 426 SHERBROOKE ST WEST APT 5 MTL 13 MURDOCH AVE NORANDA QUE	B ENG MCH VI 9 6588
COOKE GILMORE GORDON 8045 BORDEAU ST MONTREAL QUE	B ENG RA 2 7388
COOKE PATRICIA MARGARET 120 DAWSON AVE DORVAL QUE	M SC ME 1 1094
COOKE ROBERT HOMER 2330 LINCOLN AVE APT 38 ARUNDEL QUE	B ENG WE 2 9430
COOKSON JOHN MACKENZIE 481 PRINCE ARTHUR ST MONTREAL QUE	B SC AV H 7773
COOPER ANTHONY JOHN M 3569 ST FAMILLE ST MTL THE WHITE HOUSE FESTING ROAD SOUTHSEA HANTS ENGLAND	B A PL 2689
COOPER BASIL JAMES W 546 PINE AVE W MTL 128 DORSET HOUSE LONDON N W 1 ENGLAND	MD CM PL 5501
COOPER CALVIN GEORGE 3490 HUTCHISON ST MTL P O BOX 1228 NASSAU BAHAMAS	B ENG

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
COOPER HARRIET VAUGHAN ROYAL VICTORIA COLLEGE 42 PARK AVE OAKVILLE ONT	B SC 4 PL 0526
COOPER JOAN MARGARET MACDONALD COLLEGE 146 BALLANTYNE N MONTREAL WEST QUE	B SC H EC 3
COOPER MARY LOUISE ROYAL VICTORIA COLLEGE 42 PARK AVE OAKVILLE ONT	B A 1 VI 9 0993
COOPER MIRIAM SYLVIA 600 VICTORIA AVE MONTREAL QUE	B SC 3 EL 6169
COOPER NATALIE HAZEL 4780 MERIDIAN AVE MONTREAL QUE	B A 2 DE 5788
COOPER STEVEN BRIAN 4823 LACOMBE AVE MONTREAL QUE	B COM 1 RE 8 4648
COOPERBERG ARLENE 4962 BORDEN AVE MONTREAL QUE	M S W 2 DE 9544
COOPERSTEIN SIDNEY 4319 ESPLANADE AVE APT 3 MONTREAL QUE	B A 3 RE 7325
COOPERSTONE HARVEY MYRON 5810 DECELLES RD APT 12 MONTREAL QUE	B C L 1 RE 3 6274
COPE BARBARA ELIZABETH 13 NORTHCOTE ROAD HAMPSTEAD QUE	B SC P ED 3 DE 6859
COPE DONALD FREDERICK 13 NORTHCOTE RD HAMPSTEAD QUE	B C L 2 DE 6859
COPELAND DONALD ARCHIBALD 4886 SHERBROOKE ST W EAST FRONT CORNWALL ONT	B ENG 1
COPELOVITCH BERNARD 14414 CIRCLE ROAD MONTREAL 6 QUE	B SC 1 RE H 2396
COPEMAN ANTHONY RUPERT 1455 DRUMMOND ST MTL 375 BLVD HAMEL QUEBEC CITY QUE	B ENG 2 RE 7651
COPLAN STEPHEN 3483 PEEL ST MTL 357 SOMERSET ST EAST OTTAWA ONT	B COM 2 PL 0882
COPLEY DONALD REG 3445 PEEL ST MTL 1873 DUFFERIN ST TORONTO 10 ONT	MD CM 2 VI 5 9462
COPNICK CORINNE HEATHER 5015 HINGSTON AVE N D G MONTREAL QUE	M A 2 HU 1 1611
COPP DAVID 2261 HINGSTON AVE MONTREAL QUE	B SC P ED 4 DE 0940
COPPIN JOSEPH LEROY C O MR FREDERICK EDWARDS 5255 WALKLEY AVE APT 3 ELEANOR ST CHAGUANAS TRINIDAD	B SC 1
CORBETT JOHN RAYMOND H 1524 ST MATTHEW ST MONTREAL QUE	B D 1 WE 3 9002
CORCORAN THOMAS FRANCIS B 16 MACDONALD COLLEGE 41 ELY DRIVE FAYETTEVILLE N Y U S A	D D S 4
CORDEAU MARC ETIENNE 126 VICTORIA AVE LONGUEUIL QUE	B C L 4 OR 4 1008
COREY GERALD EARL MACDONALD COLLEGE BEDFORD QUE	TCH INT 1
CORKEN ELIZABETH 2 GABLES COURT BEACONSFIELD QUE	B A 2
CORLEY NORA TERESA 703 ROSLYN AVE WESTMOUNT QUE	M A 2 EL 6766
CORNISH FREDERICK GEORGE 352 GRENFELL AVE TOWN OF MT ROYAL QUE	B ENG 2 RE 1 2668
CORRIGAN THOMAS FRANCIS 3570 RIDGEWOOD AVE APT 106 MTL 11 ALDRIDGE ROAD CHAPPAQUA N Y U S A	MD CM 3 RE 1 0740
CORRY PETER MATTHEW 2860 GLENCOE AVE TOWN OF MT ROYAL QUE	B SC 2 RE 3 3489
CORSO JOHN 8330 WAVERLY ST MONTREAL QUE	B COM 2 DU 8 8009
COSGROVE GEOFFREY PHILIP 34488 PEEL ST APT 16 MONTREAL QUE	B A 4 BE 9619
COSSER MARY LOUISE ROYAL VICTORIA COLLEGE SIGMA MINES BOURLAMAQUE QUE	B A 4 PL 0477
COSSETTE MARCEL 2065 PRUDHOMME AVE MONTREAL 28 QUE	B ENG CH 4 HU 8 5193
COSTANTINI DOMINIC JOSEPH 959 PRUDHOMME AVE MONTREAL 28 QUE	B ENG CIV 3 EL 7192
COSTIS DENISE 597 CAVEN CIRCLE VILLE ST LAURENT QUE	B A 3 RI 4 4254
COSTOM DOROTHIE CAROLINE 4617 MICHEL BIBAUD MONTREAL QUE	B A 1 RE 3 8047
COTE CLAUDE 3620 HUTCHISON ST APT 8 MONTREAL QUE	B ENG CIV 5
COTE JEAN MARIEN 3660 LORNE CRESCENT MONTREAL QUE	B ENG COM 5 RE 6518
COTE JOSEPH CLAUDE JEAN Y 18 AVE PLANTE LEVIS QUE	B ENG MET 3
COTE MARIE ALICE YVONNE 2329 ST LUC APT 14 MONTREAL QUE	WE 5 4138
COTE RENEE MARIE GISELE 55 SHERBROOKE ST W MTL 59 BEAUBIEN RIVIERE DU LOUP QUE	B SC 1 VI 9 0433
COTLER IRWIN 2800 VAN HORNE AVE APT 8 MONTREAL QUE	B A 1 RE 7 5797
COTNAM ROBERT BOLE MACDONALD COLLEGE R R 1 PEMBROKE ONT	B SC AGR 1
COTTINGHAM PATRICIA 4868 COTE DES NEIGES MONTREAL QUE	RE 3 9436
COTTLE MELVIN DAVID 14 BRIARDALE ROAD HAMPSTEAD QUE	B ENG CH 5 DE 0418

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
COTTLE ROBERT D 14 BRIARDALE ROAD HAMPSTEAD QUE	MD CM 2 DE 0418
COTTON DONALD ROY R R 3 MASCOUCHE QUE	B SC AGR 4
COUGHLIN WILLIAM RONALD 4860 PATRICIA AVE MONTREAL QUE	MD CM 2 HU 1 3906
COUPAL CHARLES EDWARD 3471 PEEL ST MTL 221 RIVER ROAD OTTAWA ONT	B ENG CIV 4 VE 5 6491
COUPER ALISON MITCHELL ROYAL VICTORIA COLLEGE SOMERS COVE SHELLY BAY BERMUDA	B A 2
COURAGE EDMUND KEITH 1537 ST MATHIEU APT 7 BUCHANS NFLD	B ENG 1 WE 5 0953
COURT JAMES DOUGLAS 3434 MCTAVISH ST MTL 377 QUEENSTON ROAD ST CATHARINES ONT	B ENG MET 3 PL 4492
COUTURE GILLES JEAN J 5685 MCLYNN AVE MONTREAL QUE	B A 3
COVET MARK IRVING 4605 ST KEVIN AVE MONTREAL QUE	B A 4
COWAN DANIEL FRANCIS 533 PRINCE ARTHUR APT 5	MD CM 2
COWAN FREEMAN BRIAN M DOUGLAS HALL 14 ANCROFT PLACE TORONTO ONT	B A 1
COWLING ROBERT JOHN 551 LANSDOWNE AVE WESTMOUNT QUE	B C L 1 WE 7 2237
COX ALEXANDER WILLIAM 5254 MONKLAND BLVD MONTREAL QUE	B COM 1 HU 1 2090
COX CYRIL EUGENE 1001 SHERBROOKE ST W MTL GREENFIELD LANE SANDYS BERMUDA	B ENG MCH 4 BE 0811
COX EDWARD GABRIEL 2064 MCGILL COLLEGE AVE 182 MERRION RD BALLSBRIDGE DUBLIN IRELAND	B SC 1 RE 8108
COX JOHN BRUCE 4720 ST KEVINS AVE APT 3 MONTREAL QUE	MD CM 4 RE 7 0976
COX RAYMOND KENNETH 134 45TH AVE APT 2 LACHINE QUE	B ENG CIV 5 ME 4 1487
COYLE DAVID MARSHALL 212 ST JOHNS ROAD POINTE CLAIRE QUE	M A 1 OX 5 5735
COYLE MARY ANNE 405 PRINCE ARTHUR ST W 2077 WILLISTEAD CRESCENT WINDSOR ONT	B ARCH 3 AV 8 2939
CRACOWER CAROL SUE 5026 ROSLYN AVE MONTREAL QUE	B A 3 RE 8 7383
CRAGG CLINTON GEORGE 5755 HUDSON ROAD APT 1 SHALLOW LAKE ONT	MD CM 4 RE 7 1574
CRAGG JOHN GORDON 2991 CEDAR AVE MONTREAL 25 QUE	B A 4 WE 5 9393

NAME ADDRESS	COURSE & YEAR TEL. NO.
CRAIG ALLAN JOHN 369 CLAREMONT AVE WESTMOUNT QUE	B ENG MCH 5 DE 9610
CRAIG ALLISON MAUD ROYAL VICTORIA COLLEGE 158 WOODSOME ROAD BABYLON L I NEW YORK U S A	B SC 3 VI 9 0120
CRAIG DOUGLAS BOOTH CENTRAL Y M C A 1495 MAPLE AVE SHAWINIGAN FALLS QUE	B SC 1
CRAIG IAN WILSON 4362 HINGSTON AVE MONTREAL 28 QUE	B ENG 1 HU 1 8655
CRAIG JAMES GIBSON 605 CLARKE AVE WESTMOUNT QUE	B SC 1 WE 2 3855
CRAIG MINA JEAN ROYAL VICTORIA COLLEGE R R 1 CORNWALL ONT	B SC 3 PL 0113
CRAIG THOMAS JOSEPH 1285 DECARIE BLVD 45 ROBERTSON ROAD LYNBROOK NEW YORK U S A	MD CM 3 RI 4 0706
CRAIMER SEYMOUR 4085 MAPLEWOOD AVE MONTREAL QUE	B COM 3 RE 8 5965
CRAIN ERIC ROSS 71 STRATHEARN AVE MONTREAL WEST QUE	B ENG 1 HU 1 2424
CRAM GEORGE HOLTBY 4815 GRAND BLVD MONTREAL QUE	B SC 4 EL 3778
CRAVER LAWRENCE LEONARD 4518 OLD ORCHARD AVE MONTREAL 28 QUE	D D S 1 DE 3664
CRAMM ROGER JAMES ALLEN 1227 DRUMMOND ST APT 2 43 MURDOCK AVE NORANDA QUE	B ENG MCH 4 UN 6 7260
CRAMMOND RUTH JEAN 42 PERRAULT AVE STE ANNE DE BELLEVUE QUE 4414 KING EDWARD AVE MONTREAL QUE	B SC P ED 1
CRANE WILLIAM WHITFIELD 8 SPRINGFIELD AVE WSTMT 212 19TH ST OAKLAND CALIF U S A	PARTIAL
CRANNA ELVA MAY 1592 PINE AVE W APT 58 303 22ND ST BRANDON MAN	B N 2
CRAWFORD JOHN ERIC 3241 FOREST HILL AVE APT 20 MONTREAL QUE	PH D 3 RE 3 7321
CREVIER JOSEPH RENE R 245 OUTREMONT AVE OUTREMONT QUE	B C L 1 CR 4 2531
CRITES RUTH EDITH MACDONALD COLLEGE 4520 HINGSTON AVE N D G MONTREAL QUE	B SC H EC 1
CROBER CHARLES DOUGLAS MACDONALD COLLEGE MORRISBURG ONT	B SC AGR 2
CROBER DONALD CURTIS MACDONALD COLLEGE MORRISBURG ONT	B SC AGR 1
CROCKER DEAN 35A PINE AVE WEST APT 1 EAST BREWSTER MASS U S A	MD CM 4 AV 8 0040

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
CROFTON ATKINS C J 439 VICTORIA AVE WSMT CONQUISTADORES 186 SAN ISIDRO LIMA PERU S A	B A 1 WE 2 7237
CROGGON JAMES COLDSTREAM 428 SHERBROOKE ST W APT 21 MTL GRAMPOUND CORNWALL ENGLAND	B COM 2 VI 9 4843
CRONIN JOHN EMMETT 475 PINE AVE W MTL 164 HOMEWOOD AVE HAMILTON ONT	B COM 4 BE 4270
CRONIN JOSEPH FRANCIS 3315 MAPLEWOOD AVE MONTREAL QUE	D D S 4 RE 9 1063
CROOK EVAN DALE BOX 235 CRAIG ROAD RICHMOND QUE	B ENG CIV 5
CROOKS THOMAS ALLAN 4590 DRAPER AVE MONTREAL 28 QUE	B ENG CH 4 EL 9665
CROSBIE ROGER MANUEL 3647 UNIVERSITY ST MTL 35 FOREST ROAD ST JOHNS NFLD	B ENG CIV 5 AV 8 1473
CROSBY CYNTHIA 3638 DUROCHER ST APT 4 7 CLIFTON AVE MARBLEHEAD MASS U S A	M A 2 VI 9 8212
CROSS EDWARD LISTER S 39 THORNHILL AVE MTL 483 SOUDAN AVE TORONTO ONT	B A 1
CROSS JUSTIN ALLEN 3466 MCTAVISH ST MTL WEST MEADOW ROAD ROCKLAND MAINE U S A	MD CM 2 AV 8 9533
CROSS PETER GARNET OCTAVE 3602 DUROCHER ST MONTREAL QUE	B SC 1
CROSS ROGER 12 RICHELIEU PLACE MONTREAL QUE	B ENG 2 CR 5 0852
CROSSGROVE PETER A 3581 UNIVERSITY ST MTL 47 POWER ST COPPER CLIFF ONT	B A 1
CROTHERS JOHN MICHAEL 802 BERWICK CRESCENT TOWN OF MT ROYAL QUE	B A 1 RE 8 9238
CROWELL ARETA VALMA H 663 LEDUC ST VILLE ST LAURENT QUE	M SC 2 RI 4 6650
CRUICKSHANK LYLE RIED R R 2 LEMESURIER QUE	B SC P ED 1
CSORGO MIKLOS 3566 LORNE AVE MONTREAL QUE	M SC 1
CUBITT IAN LESLIE BRITTAIN HALL MACDONALD COLLEGE 21 WOODFIELD AVE ASHTEAD SURREY ENGLAND	B SC AGR 1
CULLEN HARRY G GEORGE HOWICK QUE	EDUCATION 1
CULPEPER FRANK BERNARD 2220 WILSON AVE N D G MONTREAL QUE	B ENG CIV 4 EL 8351
CUMBERLAND JUNE ROSAMOND 1650 CEDAR AVE MONTREAL QUE	MED DIPL 2 VI 5 9761
CUMBERLIDGE JOHN TREVOR 641 MILTON ST MTL 9 GROSVENOR PLACE WOLSTANTON STAFFS ENG	PH D 4 VI 5 9065
CUMMINGS SANDRA MAE 4707 ROSLYN AVE MONTREAL QUE	B A 1 EL 9175
CUMYN PHILIP BARTOW SENNEVILLE QUE	B ENG MCH 4
CUMYN VICTORIA ROYAL VICTORIA COLLEGE 224 SENNEVILLE ROAD SENNEVILLE QUE	MUS B 2 PL 0495
CUNDILL FRANCIS PETER 17 PARKSIDE PLACE MONTREAL QUE	B COM 2 WE 2 1985
CUNDILL HERVEY DOUGLAS HALL HUDSON HEIGHTS QUE	B A 2
CUNIA TIBERIUS 5562 BASILE PATENAUDE APT 4 MONTREAL QUE	PH D 2
CUNNINGHAM HAROLD PATRICK DOUGLAS HALL R R 2 LEAMINGTON ONT	MD CM 1
CUPCHIK WILLIAM 3641 OXENDEN AVE MTL 3850 COTE STE CATHERINE MONTREAL QUE	B ENG 2 AV 8 0566
CURLEY RICHARD TURNER 533 PRINCE ARTHUR ST W FISK ST WEST DENNIS MASS U S A	B A 2 VI 9 8725
CURRIE ALLAN LOUIS 3600 UNIVERSITY ST MTL VERLO SASK	PH D 5 AV 8 6307
CURTIS GERALD MORRIS 1969 CLINTON AVE MONTREAL QUE	B COM 4 RE 8 9138
CURTIS PHYLLIS VIVIAN MACDONALD COLLEGE STANSTEAD QUE	B SC AGR 1
CUSHING MARIAN CATHERINE 35 BALLANTYNE AVE N MONTREAL 28 QUE	B A 2 EL 4908
CUSHING SUSAN ISABEL 610 CLARKE AVE WESTMOUNT QUE	B A 3 WE 2 4672
CUTHBERT BARBARA FRANCES 1320 LOMBARD CRES APT 21 TOWN OF MT ROYAL QUE	B A 2 RE 7 1416
CYNBERG ROZA 57 SENNEVILLE ROAD SENNEVILLE QUE	M S W 2
CYR JACQUES XAVIER J 3711 THE BOULEVARD WSTMT 38 LOCKWELL ST QUEBEC CITY QUE	B ENG MCH 4 DE 1755
CYRENNE NOEL 254 SHERBROOKE W APT 4 1872 ST PHILIPPE THREE RIVERS QUE	B ENG CH 4 AV 8 6784
CYTRYNBAUM MICHAEL 5240 WESTBURY AVE MONTREAL QUE	B SC 1 DE 6330
CYTRYNBAUM SOLOMON 38 JOYCE AVE OUTREMONT QUE	B A 3 CR 2 4618
CYTRYNBAUM STANLEY 3005 BEDFORD ROAD APT 5 MONTREAL QUE	B C L 2 RE 7 2697

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
CYTRYNBAUM STANLEY L 5709 PALMER AVE MONTREAL QUE	B A 3 DE 6745
CZAKO GEORGE 3663 LORNE CRES APT 2 2101 UNIVERSITY ST APT 16 MONTREAL QUE	B ENG MCH 3 VI 9 4079

D

DABICH LYUBICA 456 PINE AVE MTL 3285 SHERBOURNE ROAD DETROIT 21 MICH U S A	MD CM 2 RE 3 8382
DADSON JOHN ALFRED MACDONALD COLLEGE C O J B A DADSON V A C TARKWA GHANA	B SC AGR 3
DAGG BARBARA ANN MACDONALD COLLEGE BOX 131 SHAWVILLE QUE	TCH ELEM 1
DAILEY WALTER SAMUEL 3160 FENDALL ST MTL RT 5 EVERETT WASH U S A	MD CM 4 RE 3 8771
DALF DOUGLAS GEORGE 31 LAKEVIEW BAIE D URFEE QUE	M SC 2
DALES ROBERT JOHN 1823 CANORA ROAD MONTREAL 16 QUE	B ENG 2 RE 3 6383
DALFEN ARTHUR DAVID 3495 MARLOWE AVE MONTREAL QUE	B COM 2 DE 6315
DALFEN BEN ZION 6377 MOUNTAIN SIGHTS MTL 822 3RD AVE VAL D OR QUE	B A 3 RE 3 2985
DALFEN ROSALIND 3495 MARLOWE AVE MONTREAL QUE	B COM 2 DE 6315
DALGARD JOHN WALTER 9 WATEREDGE AVE POINTE CLAIRE QUE	B SC 2
DALLEY MARGARET EILEEN 7005 BIRNAM ST MONTREAL QUE	B SC 2 CR 2 0302
DALY ANDREA LOUISE 61 ABERDEEN AVE WESTMOUNT QUE	B A 3 DE 7581
DALY KATHLEEN MARGUERITE 5055 VICTORIA AVE MONTREAL 26 QUE	GR N CERT 1 RE 3 4841
D AMELIO CARMELLA ROYAL VICTORIA COLLEGE BOX 346 S DUXBURY MASS U S A	H A 4 VI 9 0120
DAMESHEK EARL FRED 3451 DRUMMOND ST MONTREAL QUE	B A 2 VI 9 0243
DAMIANO RICHARD GABRIEL 3585 LORNE AVE MONTREAL QUE	D D S 2
D AMOUR GUY ST ISIDORE LAPRAIRIE COUNTY QUE	B ENG CIV 4
DANA JOSEPH 3483 PEEL ST MTL 7 RUE LALO PARIS 16 FRANCE	B ENG 2 PL 0882
DANA LUCIEN YOUSSEF 3420 PEEL ST MTL 9 BOULEVARD D AUTEUIL BOULOGNE SEINE FRANCE	B ENG 2

NAME ADDRESS	COURSE & YEAR TEL. NO.
DANCEY JOHN TRAVIS 4015 WILSON AVE MONTREAL QUE	B SC 1 DE 5761
DANIEL JOYCE IRENE 4974 CONNAUGHT AVE MONTREAL 29 QUE	B A 3 HU 1 4181
DANIELS PHYLLIS DOROTHY 4535 MELROSE AVE MONTREAL QUE	M S W 2 DE 3691
DANILOV ALEXANDER GEORGE 3455 JEANNE MANCE ST MTL VALLEE LOURDES N B	B ENG 1 VI 5 0979
DANIS JEAN CLAUDE 294 SHERBROOKE ST W MTL STE ANNE DE SOREL QUE	B ENG 2 VI 9 0001
DANNACKER DOROTHY HEATHER 6813 GRAND AVE MONTREAL 14 QUE	B SC 1 CR 2 2127
DANNACKER HELEN MACDONALD COLLEGE 1150 LAPOINTE ST MONTREAL QUE	TCH INT 1
DAOUST JOSEPH AIME 3601 UNIVERSITY ST MTL NOELVILLE ONT	B ENG CIV 4
DARABANER CAROLE LEE 5101 LACOMBE AVE MONTREAL QUE	B ENG 2 RE 7 3017
DARGIE HARRIET JANE ROYAL VICTORIA COLLEGE ANDOVER N H U S A	B A 2 PL 0113
DARLING JUDITH KATHLEEN 3000 BRESLAY ROAD MONTREAL QUE	B SC 3 WE 2 4697
DARLING PETER WILSON 68 ABERDEEN AVE WESTMOUNT QUE	B ENG MCH 3 DE 2985
DARLING RUTH LENA 116 EASTON AVE MONTREAL WEST QUE	PHYSIOTH 5 EL 5524
DARLINGTON RALPH F 3628 LORNE CRESCENT APT 6 MONTREAL QUE	B ENG MCH 4 BE 4306
DARRAGH JAMES HILTON 1414 DRUMMOND ST MTL 4614 DRAPER ST MONTREAL 28 QUE	M SC 2 VI 5 8677
DAS GUPTA DYUTISH ENDOCRINE RESEARCH LABS MONTREAL CHILDRENS HOSP 3660 LORNE CRESCENT APT 16 MONTREAL QUE	PH D 3 AV 8 2787
DASKALAKIS EMMANUEL P 3462 HENRI JULIEN AVE MONTREAL QUE	B ENG 1 AV 8 0315
DAVEY DELPHINE ANN 3660 PEEL ST MONTREAL 2 QUE	PHYSIOTH 2 PL 6362
DAVEY JOHN PHILIP ARTHUR 108 ACRES ROAD BEACONSFIELD QUE	B ENG 1 OX 5 2758
DAVID PETER 215 ELM AVE WESTMOUNT QUE	B SC 3 WE 5 2923
DAVID ROBERT JOHN 119 LECAVALIER ST VILLE ST LAURENT QUE	B SC 2 RI 7 6317
DAVIDGE STEPHEN Y M C A DRUMMOND ST 54 DUFFERIN ST GRANBY QUE	B ENG 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
DAVIDOW BARBARA 4600 CIRCLE ROAD MONTREAL QUE	B A 3 HU 1 6050
DAVIDOW FRANCES 4600 CIRCLE ROAD MONTREAL QUE	B SC N 1 HU 1 6050
DAVIDSON PETER WAYNE 3971 RAMEZAY AVE MONTREAL 6 QUE	B A 2 WE 2 9497
DAVIES ARTHUR NELSON MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B ENG 1
DAVIES JOHN JAMES L Y M C A DRUMMOND ST MTL 9 ROBINSON ST RANDFARTEN S AFRICA	M SC 1
DAVIES SUSAN ALICE MACDONALD COLLEGE 4 CAMBRIDGE ROAD BAIE D URFE QUE	TCH INT 2
DAVIS GEORGE BERTON DOUGLAS HALL 24 CONSTABLE ST MALONE NEW YORK U S A	MD CM 4
DAVIS HARRY GLEN 3485 MCTAVISH ST MTL MARION BRIDGE N S	B A 2 BE 0424
DAVIS IAIAN HORWOOD 3475 STANLEY ST APT 7 38 DUDMORE ROAD SWINDON WILTS ENGLAND	M SC 1 BE 7892
DAVIS JUDITH MAIN RD HUDSON QUE	PHYSIOTH 1
DAVIS JUDITH MAUDE F 3534 SHUTER ST MTL 1825 SAN PEDRO AVE VICTORIA B C	GR N CERT 1 VI 5 9509
DAVIS KENNETH ANDREW 3851 UNIVERSITY ST MTL 9 CASTLEFRANK ROAD TORONTO ONT	B SC 2 BE 6968
DAVIS PETER LYLE 2051 UNIVERSITY ST APT 3 DALHOUSIE N B	MD CM 2 BE 5360
DAVIS ROBERT MICHAEL 3 BELLEVUE AVE WESTMOUNT QUE	B ENG 1 DE 5251
DAVIS ROBERT WILLIAM 3573 LORNE AVE APT 5 MTL 1271 E DELEVAN BUFFALO N Y U S A	MD CM 3
DAVIS SHEILA HELEN 4480 HARVARD AVE N D G MONTREAL QUE	B A 3
DAVISON BARBARA MARION 3 MARTIN AVE DORVAL QUE	MD CM 4 ME 1 3102
DAVISON ROY JAMES 3532 LORNE AVE MTL 107 MONTCLAIR AVE ROSLINDALE MASS U S A	S T M 2
DAWBER MARK ERIC 140 56TH AVE LACHINE QUE	B ENG 1 ME 7 9248
DAWE GEORGE HOWARD 249 WRIGHT CRESCENT DORVAL QUE	B SC AGR 1 ME 1 3085
DAWES DAVID HADDON 480 FAIRFIELD AVE GREENFIELD PARK ALEXANDRIA ONT	B SC 3 OR 1 1187
DAWSON ARTHUR D 3509 HUTCHISON ST MTL 14 BELLEVUE AVE WESTMOUNT QUE	M SC 1
DAWSON DONALD ANDREW 5180 CUMBERLAND AVE N D G MONTREAL QUE	B SC 4 EL 9462
DAWSON JOAN ELISABETH 41 DUFFERIN ROAD HAMPSTEAD QUE	B L S 1 EL 4088
DAWSON JOHN HOWARD 14 BELLEVUE AVE WESTMOUNT QUE	B C L 2 DE 5323
DAY ELIZABETH JOAN MACDONALD COLLEGE BRECKENRIDGE QUE	B SC H EC 1
DAY GRAHAM THOMAS 56 GRANVILLE ROAD HAMPSTEAD QUE	B COM 3 EL 4655
DAY JAMES HALLIDAY 134 L ALBERT ST KINGSTON ONT	MD CM 3
DAY JOHN JOSEPH MACDONALD COLLEGE 34 DUNDAS ROAD GUELPH ONT	B SC AGR 1
DEAN FRANCES ELIZABETH R R 2 SHAWVILLE QUE	TCH ELEM 1
DEAN JUDITH ELLEN WOMENS RESIDENCE MACDONALD COLLEGE 955 LINDSAY MONTREAL 9 QUE	TCH INT 1
DEAN KENNETH ROY MACDONALD COLLEGE 217 COMPTON AVE OTTAWA 3 ONT	B SC AGR 3
DEAN RONALD SAMUEL 5932 BEAULIEU ST MONTREAL 20 QUE	PH D 2 PO 6 7392
DEANESLY MARGARET ROYAL VICTORIA COLLEGE 145 EAST FIFTH ST HINSDALE ILL U S A	MD CM 1 PL 0847
DEAR CAROLE ANNA ROYAL VICTORIA COLLEGE 3 QUEENSBERRY HOUSE RICHMOND SURREY ENGLAND	B A 2 PL 0597
DEAR JACQUELINE DOROTHY 109 THURLOW ROAD HAMPSTEAD QUE	PHYSIOTH 3 HU 1 5154
DEARING ENID MAE 495 PRINCE ARTHUR ST MTL 4034 WEST 16TH AVE VANCOUVER B B C	B L S 1 AV H 7968
DEATHE JOAN FRANCES 7 SIMCOE AVE TOWN OF MT ROYAL QUE	B ED 4 RE H 4115
DEAVITT JOAN MARILYN MACDONALD COLLEGE 141 RENFREW ST PEMBROKE ONT	B SC H EC 1
DEBARYSHE B DELANO 56 SHERBROOKE ST W APT 4 1D JOHN COLLINS PARK PLATTSBURGH N Y U S A	M SC 1 PL 7422
DEBELLE DAVID ARTHUR 570 MILTON ST MONTREAL QUE	B ARCH 3 AV H 8918
DE BRABANT JEAN YVES 800 LEXINGTON AVE MONTREAL QUE	B C L 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
DECARIE JEAN ANDRE JOSEPH 1040 CHURCHILL AVE TOWN OF MT ROYAL QUE	RE R 7981	B C L 1
DE CHAZAL ADRIEN JEAN L DOUGLAS HALL BRITANNIA S E RIVIERE DRAGON MAURITIUS INDIAN OCEAN		B ENG 1
DE CHAZAL EDGAR JEAN L DOUGLAS HALL BRITANNIA S E MAURITIUS INDIAN OCEAN		B ENG 1
DECHENE VERONA MAY 3450 DRUMMOND ST APT 30 STARBUCK MAN	RE 0653	B L S 1
DECK JOHN MILTON 3590 UNIVERSITY ST MTL LAKEFIELD ONT	VI 9 9680	B ENG 2
DECKELBAUM DAVID ZAVE 77 PAGNUELO AVE OUTREMONT QUE	CR 1 8873	B SC 2
DE COURVILLE EVELYN M 236 DRESDEN AVE TOWN OF MT ROYAL QUE	RE 7 8041	M A 2
DEDEKAM METTE ANNICKEN MACDONALD COLLEGE 1320 LOMBARD CRESCENT TOWN OF MT ROYAL QUE	HOMEMAKER	1
DEEHY PATRICK THOMAS 2036 UNION AVE APT 3 21 REGAL WAY PRESTON HILL HARROW MIDDLESEX ENGLAND	VI 9 3031	M S W 1
DE GOSZTONYI ELIZABETH C 56 GILMOUR AVE CHATEAUGUAY HEIGHTS QUE	OL 7 8715	B A 1
DE GROOT JEAN ANDRE 3032 MAPLEWOOD AVE APT 12 MONTREAL 26 QUE	RE 7 5643	B ENG 2
DE GRUCHY WALTER JOHN 5392 OBRYAN AVE N D G MONTREAL QUE	DE 8372	A ENG MI 3
DE KOOS PETER ROBERT 4990 WALKLEY AVE APT 12 MONTREAL QUE	HU 8 0707	A ENG 2
DE LA MOTTE DAVID JOHN WILSON HALL 1445 FORT ST MONTREAL QUE		B ENG 1
DE LA RONDE EILEEN 2100 CLAREMONT AVE APT 4 173 TORRENS AVE TORONTO ONT	GR N CERT 1 HU 9 3646	
DE LEON LAURENZA ALBERTO WILSON HALL CALLE 3A NO 4 97 PANAMA R DE PANAMA	RE 0624	B SC 2
DE LEON ROGELIO 3512 SHUTEH ST MTL 1520 KANSAS AVE PACO MANILA PHILIPPINES		PH D 1
DELFSALLE PHILIPPE EMILE 282 SHERBROOKE ST W MONTREAL QUE	AV 8 1469	B ARCH 5
DE LEVIE JEANETTE ROYAL VICTORIA COLLEGE 10221 130TH ST EDMONTON ALBERTA	PL 0334	B A 2
DELGRANDE PHILIP HAROLD J 3054 ST SULPICE ROAD MONTREAL QUE	WE 2 4671	B COM 3
DE LIND VAN WIJNGAAR DEN 3575 JEANNE MANCE ST MTL ALBRECHTLAAN 2H BUSSUM THE NETHERLANDS	AV 8 2826	A ENG MCH 3
DE LISSER RICHARD ANTHONY DOUGLAS HALL 4 DEWSBURY AVE LIGUANEA P O KINGSTON JAMAICA B W I	BE 0977	B ENG 2
DEL LAGO GERARDO HUGO 1855 RACHEL ST EAST MONTREAL QUE	LA 6 5961	PARTIAL
DEL MONACO CARLOS A 1433 TOWERS ST APT 602 CALLE BERRIZBEITIA NO 12 EL PARAISO CARACAS VENEZUELA	WE 7 4181	B C L 1
DELONG ROBERT EDWARD 27 MAPLE AVE STE ANNE DE BELLEVUE QUE BOX 242 MACDONALD COLLEGE QUE		B SC 1
DELORME JACQUES ETIENNE J 3542 LORNE AVE MTL 900 BOWEN ST SOUTH SHERBROOKE QUE	RE 6752	B ARCH 5
DE LORME RICHARD HOLMES 1260 BERNARD AVE W APT 3 OUTREMONT QUE	CR 2 1489	B D 1
DEMARQUE MARIE ANTOINETTE 3058 LACOMBE AVE MONTREAL 26 QUE	RE 3 1972	B A 4
DEMERS JOSEPH ANDRE P R 571 DAVAAR AVE OUTREMONT QUE	CR 2 6163	B C L 1
DE MILLE GEORGE RUFUS 3600 UNIVERSITY ST MTL HAMPTON STA N B	AV 8 6307	M SC 2
DEMONTIGNY JOSEPH BENOIT 258 SHERBROOKE W MTL 908 ST FRANCOIS XAVIER TROIS RIVIERES QUE	BE 7102	B ENG 1
DE MONTIGNY PIERRE ANDRE 268 PINE AVE W MTL ST PIERRE ILE D ORLEANS QUE	VI 5 1940	M SC 1
DE MONTMORENCY DOROTHY P 4616 HAMPTON AVE N D G MONTREAL QUE	HU 9 1546	M SC 1
DEMORCY JEAN FRANK 244 SHERBROOKE ST E MTL 277 GRAND RUE PORT AU PRINCE HAITI	VI 0 8626	B COM 1
DENBERG IRVING MANUEL 3861C LAVAL AVE MONTREAL 18 QUE	VI 5 0436	B A 1
DENIS C BERNARD 18 LIGHTHALL MONTREAL QUE	DU 8 7097	A ENG CIV 3
DENIS LAURENT GERMAIN 1486 MACKAY ST APT 2 MONTREAL QUE	UN 6 0000	M L S 1
DENIS ROBERT FERNAND 53 LAURIER ST W MTL 805 LEVIS AVE QUEBEC 6 QUE	CR 1 4452	A ENG PHY 4
DENMAN ORRIN REXFORD 708 COTE ST CATHERINE RD OUTREMONT QUE	RE 8 1716	B SC 2
DENNETT FRANCIS GEORGE W 3407 ONTARIO AVE MTL 5380 WALKLEY AVE MONTREAL QUE	VI 0 3286	S T M 1
DENSKY LILIANE CATHERINE 45 COUNCELETTE AVE OUTREMONT QUE	CR 9 0741	B COM 2
DENTITH HUGH GEOFFREY 3255 TERREBONNE AVE MONTREAL QUE	DE 2561	MD CM 4

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
DE PASS JOAN ELIZABETH 5004 GROSVENOR AVE MONTREAL QUE	B A 1 RE 3 7508
DE POL RONALD EDWARD MACDONALD COLLEGE 925 SUMMERLEA LACHINE QUE	B SC AGR 1
DERBEZ RENE CARLOS 2022 UNION AVE APT 1 MTL AV V CARRANZA 318 SAN LUIS POTOSI S L P MEXICO	B ENG PHY 4
DERBY JAMES HART 429 PRINCE ARTHUR ST W APT 15 MTL 347 SHELBURN ROAD BURLINGTON VT U S A	MD CM 2 VI 5 7798
DERBYSHIRE EDWARD 621 PRINCE ARTHUR ST W APT 1 MONTREAL 2 QUE	M SC 2
DERMER ALTA ABRAMOWITZ 3455 ELLENDALE AVE APT 14 MONTREAL QUE	B A 3 RE 3 8366
DERMER HAROLD 3455 ELLENDALE AVE APT 14 MONTREAL QUE	B C L 2 RE 3 8366
DERMINE PIERRE PAUL P O BOX 138 MACDONALD COLLEGE EXPERIMENTAL FARM KAPUSKASING ONT	M SC 1
DEROME IVAN LOUIS 160A BLVD RICHELIEU ST HILAIRE QUE	B ENG CIV 4
DEROME JACQUES HENRI 10773 WAVERLEY AVE MONTREAL QUE	B ARCH 3 RE 8 2738
DEROME JEAN ROBERT LOUIS 22 GERVAIS ST LAVAL DES RAPIDES QUE	B ENG PHY 4 MO 4 4228
DE ROME SANDRA MARGARET 160A BLVD RICHELIEU ST HILAIRE QUE	B COM 4
DE ROMER HENRY 204 BLVD ST ELZEAR ST ELZEAR DE LAVAL QUE	PH D 3
DERY LAURENT 3580 STE FAMILLE ST MTL ST SEVERIN DE PROULXVILLE CO CHAMPLAIN QUE	B ENG 2 PL 2615
DE SALABERRY LOUIS 3660 LORNE CRES APT 6 400 CUMBERLAND ST APT 8 OTTAWA 2 ONT	M A 1 AV 8 0157
DESATNIK WALTER 6867 CHABOT ST MONTREAL QUE	B ENG 1 RA 1 1728
DESAULNIERS HELEN LOUISE 22 ROSELAWN CRESCENT MONTREAL 16 QUE	B A 2 RE 8 7867
DESBARATS GEORGES ALAIN 4801 LASALLE BLVD VERDUN 52 MARLBOROUGH AVE OTTAWA ONT	B ENG CIV 5 YO 9 1913
DESBOIS GERARD PAUL 5495 ESPLANADE AVE MTL 88 PAGE ST ST CATHARINES ONT	B ENG 2 CR 1 3604
DESBOIS ROGER 1460 ST TIMOTHEE ST MONTREAL QUE	B ENG 2 VI 9 2548
DESCARY GILBERT JOHN 512 17TH AVE LACHINE QUE	B ENG MCH 5 ME 7 7467
DESCENT MARCEL ROGER MACDONALD COLLEGE HOWICK QUE	B SC AGR 4
DESCHAMPS GUY ANDRE 1039 WOODLAND AVE APT 104 VERDUN QUE	B D 1 PO 6 9665
DESCHENES PAUL ANDRE 764 RACHEL ST EAST MONTREAL QUE	B ENG 2 LA 3 5724
DESCHENES PIERRE 65 SHERBROOKE ST W MTL 98 NICHOLSON ST VALLEYFIELD QUE	B ENG EL 3 VI 9 0433
DE SCHULTHESS ANDREW G 389 CLARKE AVE WESTMOUNT QUE	B SC 1 WE 7 8236
DE SCHULTHESS ROBIN FRANK 389 CLARKE AVE WESTMOUNT QUE	B ENG EL 3 WE 7 8236
DESFOSSES HENRI PAUL 78 STE ANNE ST VARENNES QUE	B ENG CIV 5
DESJARDINS BRUNO 542 RUE RICHILIEU BELOEIL QUE	B C L 3
DESJARDINS GEORGE MARCEL 254 SHERBROOKE ST W APT 3 MTL R R 2 NEW LISKEARD ONT	B ENG CIV 4 AV 8 6789
DESJARDINS HELENE 67 HUDSON RD TOWN OF MT ROYAL QUE	MED DIPL 1 RE 8 2312
DESJARDINS PIERRE ANDRE H 20 LAKE AVE STRATHMORE QUE	B COM 2 ME 1 1638
DESJARDINS ROGER REAL 254 SHERBROOKE ST W APT 3 MTL R R 2 NEW LISKEARD ONT	B ENG 2 AV 8 6789
DESKIN DENNIS SPENCER 5005 BOURETTE AVE APT 26 MONTREAL QUE	B ARCH 5
DESKIN ERIC 1685 DUCHARME AVE OUTREMONT QUE	B ENG AM 3 CR 9 5805
DESLAURIERS ERNEST PAUL 3440 SHUTER ST APT 7 MTL 422 BEDARD BLVD LACHUTE QUE	B COM 2 VI 5 0509
DESMARAIS ROGER GASTON 3622 NORTHCLIFFE AVE MTL 681 PROSPECT SHERBROOKE QUE	B ARCH 3 DE 7037
DE SOUTA PATRICK DAVID 5477 HUTCHISON ST MONTREAL QUE	M SC 1 CR 4 6994
DESROCHERS GILLES V J 698 GALT AVE MONTREAL QUE	B ENG 1 PO 9 1589
DESROCHERS JOSEPH L S 732 WILDER AVE OUTREMONT QUE	B C L 2 RE 7 8597
DESROCHERS LOUIS GEORGE 900 E ST JOSEPH BLVD MONTREAL QUE	M SC 2 LA 4 4371
DESROCHERS ROCH DENIS 3750 DE LA PELTRIE MONTREAL QUE	B ENG PHY 5 RE 7 3376
DESTA HAGOS 3541 SHUTER ST MTL ADWA ENDASELASSIE TIGRE ETHIOPIA	B C L 2 PL 0892

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
DE TOLEDO LEYLA 3495 RIDGEWOOD AVE APT 10 MONTREAL QUE	B SC 1 RE 3 0253
DEUTSCH EVA ROYAL VICTORIA COLLEGE P O BOX 20 LANCASTER N B	B SC 3 PL 0327
DEVIEUX CARRIE 10 LINNET CRESCENT STRATHMORE QUE 80 REPUBLICAN ST PETIT GOAVE HAITA W I	M SC 1 ME 1 6509
DEVLETOGLOV NICOS N 3440 SHUTER ST APT 12A 17 AGIOU DEMETRIOU ST ATHENS PSYHIKO GREECE	B A 3 AV R 4016
DEW BENJAMIN GEORGE W 1632 SEAFORTH ST APT 3 C O FERRANTE P O BOX 123 CARMEL CALIF U S A	MD CM 1
DEWAR JOHN ROBERT MACDONALD COLLEGE ST TELESPHORE QUE	AG AD DIP 1
DEZIEL CYRIL 548 SHERBROOKE ST W MTL 2252 DE LA MONTAGNE AVE SHAWINIGAN FALLS QUE	B ENG EL 4 BE 0551
DEZIEL PIERRE 4146 ST HUBERT ST MTL 632 6TH ST GRAND MERE QUE	B ENG CIV 3 LA 3 4485
DE ZWIREK PHILLIP JACOB 4852 FULTON ST MONTREAL QUE	B A 4 RE 7 3859
DHAVERNAS BENOIT MARIE J 4 BELVEDERE ROAD WESTMOUNT QUE	B C L 1 WE 3 3980
DIACHUN WILLIAM JAMES 3785 DUPUIS AVE APT 21 MONTREAL QUE	B SC P ED 2 RE 7 8836
DIACONZADEH PETRO 201 METCALFE AVE APT 623 TESVIKIYE CAD NO 103 9 MAGKA ISTANBUL TURKEY	M A 1 WE 7 7005
DIAKUNCHAK IHOR STEPHAN 67 ST JOSEPH BLVD W MTL 44 RUSHOLME DRIVE TORONTO 3 ONT	M ENG 1 CR 1 1440
DIAZ ARGUELLES FRANCISCO 258 SHERBROOKE ST W MTL FIRST AVE 3005 MIRAMAR MARIANAO CUBA	B ENG 2 BE 7836
DIAZ CLIFFORD STANLEY 590 BLUEFIELDS ROAD STANU CREEK BR HONDURAS	B A 2
DIBBEN RICHARD ANDREWS 1461 MOUNTAIN ST APT 5 SALTERNS OLD BURSLEDON HAMPSHIRE ENGLAND	B ARCH 6 WE 5 4323
DIBBLE ROSS RUTHERFORD R 7800 OUTREMONT AVE MONTREAL QUE	B SC P ED 4 CR 9 6129
DICK WILLIAM ROBERT JOHN 73 SUMMERHILL AVE VALOIS QUE	B ENG 1 OX 7 0879
DICKERSON RICHARD KEITH 85 WINDSOR AVE WESTMOUNT QUE	B D 1
DICKEY CATHERINE COLT 1537 SUMMERHILL AVE MONTREAL 25 QUE	M SC 1 WE 5 2142
DICKIE ERNEST GORDON 3660 PEEL ST MONTREAL QUE	MD CM 4 VI 5 1470
DICKIE WILLIAM ROSS 5777 12TH AVE MONTREAL 36 QUE	B ENG 2
DICKINSON GORDON THOMAS 580 PORTLAND AVE MONTREAL 16 QUE	MD CM 4 RE R 7533
DICKINSON PETER CECIL T 44 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B SC 4 RE R 2265
DICKSTEIN ALVIN CHARLES 5633 CANTERBURY AVE MONTREAL QUE	B SC 2 RE R 2710
DIGGINS WILLIAM LAWRENCE BOX 142 MACDONALD COLL 220 PROSPECT AVE PORT ARTHUR ONT	MD CM 4
DILLON JOSEPH GILBERT 2294 MARCIL AVE N D G HIGH ST ROTORUA NEW ZEALAND	L L M 1 HU 1 3686
DILORETO RUDOLPH RINALDO 7044 DROLET ST MONTREAL QUE	B ENG CIV 3 CR 6 9659
DIN GHIAS UD 3557 HUTCHISON ST ROOM 4 C O 31 LOWER MALL LAHORE PAKISTAN	PH D 2 AV R 5546
DINES MILTON MORRIS 6335 LENNOX AVE MONTREAL QUE	D D S 2 RE 9 0620
DINGLE DAVID TERENCE 66 FINCHLEY RD HAMPSTEAD QUE	B C L 1 DE R700
DINGLE PAUL FREDERICK 3475A STANLEY ST MONTREAL QUE	B C L 4 VI 5 7226
DINGMAN ELIZABETH ANNE 29 RENFREW AVE WESTMOUNT QUE	B A 3 DE 9855
DINGOTT MARIAN ELSA 4746 MAPLEWOOD AVE MONTREAL QUE	PHYSIOTH 3 RE 7 4033
DINNICK MICHAEL ANTHONY C O MRS DONALD TAYLOR VAUDRIEUL STAT QUE R R 2 AURORA ONT	B SC 1
DINNICK WILFRED S R R 1 AURORA ONT	B A 1
DINOVITZER NATHAN A 752 STUART AVE MONTREAL QUE	B ENG PWR 5 CR 6 5490
DION JOSEPH ROLLAND N 471 MURRAY AVE GREENFIELD PARK QUE	B ENG 1 OR 1 4482
DIONNE GERALD FRANCIS 7395 TERREBONNE AVE MONTREAL QUE	B ENG PHY 5 EL 2015
DIONNE GILLES MARIUS 3474 MCTAVISH ST 155 NOTRE DAME TROIS PISTOLES QUE	M SC 1 VI 5 3815
DIONNE RAYMOND 27 CENTRALE ST VILLE LASALLE QUE 281 ST GERMAIN ST RIMOUSKI QUE	B ENG 1
DIONNE RAYMOND MAURICE 7395 TERREBONNE AVE MONTREAL QUE	B ENG EL 4 EL 2015

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
DIPPEL GERALD DONALD V 548 SHERBROOKE ST W MTL 93 BIRKBANK DR OAKVILLE ONT	B SC 1 BE 0551
DI TULLIO VINCENT ANTHONY 883 CHARLEVOIX ST MONTREAL QUE	B SC 3 WE 2 0036
DIXON MICHAEL EDWARD 1469 DRUMMOND ST MONTREAL QUE	MD CM 2 VI 9 9532
DIXON SYLVIA 2420 GOYER ST MONTREAL QUE	TCH ELEM 1 RE 7 4296
DIZAZZO JEAN EDOUARD 6844 10TH AVE MONTREAL 36 QUE	B ENG 2 RA 2 1843
DLUHOSCH ERICH 1469 MACKAY ST APT 4 MONTREAL QUE	B ARCH 4 VI 9 8309
DOBELL COLIN RUTHVEN C 1114 ELGIN TERRACE MONTREAL QUE	B A 2 VI 9 7826
DOBSON CHRISTOPHER BRIAN 2044 UNION MTL HEATON LODGE HEATON BOLTON LANCS ENGLAND	M C L 1 AV 8 7613
DOBSON EARLE FRANCIS MACDONALD COLLEGE R R 3 UXBRIDGE ONT	B SC AGR 3
DODMAN FRANK WILLIAM 202 DEVON AVE TOWN OF MT ROYAL QUE	B A 2 RE 3 2988
DODMAN MICHAEL ARTHUR 202 DEVON AVE TOWN OF MT ROYAL QUE	B SC 3 RE 3 2988
DOEL DIANA JUNE ROYAL VICTORIA COLLEGE P O BOX 322 PANAMA R P	B A 2 PL 0113
DOHERTY EDWARD JAMES 2725 BEDFORD ROAD MTL 35 INGELL ST TAUNTON MASS U S A	D D S 4
DOHERTY ELDA JANE 5309 LUCY PLACE APT 402 R R 1 DUNHAM QUE	GR N CERT 1 RE 8 3811
DOIG DAVID WILLIAM 2037 KIMBERLEY ST MONTREAL QUE	B SC 2 AV 8 3045
DOIG GEORGE ANDREW R R 3 LACHUTE QUE	B ENG 1
DOIG JAMES IAN 217 ROCKCLIFFE DRIVE DORVAL QUE	B SC 3 ME 1 5457
DOIG RONALD PAUL 7491 WISEMAN AVE MONTREAL QUE	B SC 2 CR 1 8044
DOLAN ALEXANDRA E 69 ROSEMOUNT CRES WESTMOUNT QUE	B A 1 WE 5 5423
DOLENGA BOHDANNA THERESA 9201 VERVILLE ST AHUNTSIC QUE	B A 2 DU 1 0926
DOLMAN DOUGLAS ROLPH 3581 UNIVERSITY ST MTL 227 WEMBLEY DRIVE SUDBURY ONT	B ENG 1 VI 9 1368
DOLMAN MORTIMER 5116 JEANNE MANCE ST MONTREAL QUE	B SC 3 CR 7 1843
DOLPHIN WALTER EMIL 3567 DUROCHER ST MONTREAL QUE	B A 4 VI 9 9015
DOMINE CORINNE JEANETTE 3474 MCTAVISH ST MTL ROSE HILL AVE & RUGBY RD PHILLIPSBURG N J U S A	GR N CERT 2 PL 0805
DONAHUE ANNE MARIE T ROYAL VICTORIA COLLEGE 2 BLACKWELL ST CORNWALL ON HUDSON NEW YORK U S A	B A 4 PL 0477
DONALDSON JAMES MILLAR 1955 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ARCH 2 RE 3 7914
DONALDSON ROBERT GEORGE 1569 MCGREGOR ST MTL 127 MULLIN ST WATERTOWN N Y U S A	D D S 4 WE 3 2157
DONDALE CHARLES DENTON P O BOX 117 MACDONALD COLLEGE SCIENCE SERVICE LAB KENTVILLE N S	PH D 2
DONEVAN RICHARD EDGAR 3570 RIDGEWOOD DRIVE MTL 365 KING ST EAST OSHAWA ONT	M SC 1 RE 7 2512
DONIHEE MARY AILEEN 2050 CLAREMONT APT 19 9 FOURTH ST WEST CORNWALL ONT	GR N CERT 1 HU 8 4650
DONOHUE LYNN CATHERINE E ROYAL VICTORIA COLLEGE R R NO 1 CORNWALL ONT	PHYSIOTH 2 PL 0113
DONOLO LOUIS ANTHONY 690 SHERBROOKE ST W MTL 307 CARLYLE AVE MONTREAL 16 QUE	B ENG CIV 5 AV 8 2247
DONOVAN GERALD GEORGE MACDONALD COLLEGE 4078 MELROSE AVE N D G MONTREAL QUE	B SC AGR 3
DONOVAN NORBERT JOHN K 5429 DUQUETTE AVE N D G MONTREAL QUE	B C L 1 HU 8 4222
DONOVAN WALTER GERALD MACDONALD COLLEGE 86 45TH ST LAVAL WEST QUE	TCH INT 1
DORAN ANTHONY BURKE 3484 PEEL ST MTL 251 THOROLD ROAD ROCKCLIFFE PARK OTTAWA 2 ONT	B A 4 VI 9 5354
DORAN JULIA ANNE ROYAL VICTORIA COLLEGE 251 THOROLD ROAD ROCKCLIFFE PARK OTTAWA 2 ONT	B A 1 PL 0597
DORAN ROBERT ARTHUR 2555 BARCLAY AVE MONTREAL QUE	B ENG 2 RE 9 0508
DORANSKY MARY ANNE 8011 CHAMPAGNEUR MONTREAL QUE	B SC P ED 1 CR 6 0920
DORE GUY 3557 DUROCHER ST MTL 1 MCKINNON ST MATANE QUE	B ENG 2 PL 0602
DORENFELD MORRIS 4614 JEANNE MANCE ST MONTREAL QUE	B ENG 2 VI 5 3315
DORFMAN ARONA 3871 BELANGER ST E APT 15 MONTREAL QUE	B SC 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
DORFMAN SHEILA 3871 BELANGER ST E APT 5 MONTREAL QUE	B SC 4 RI 7 8325
DORGET PHILIPPE ANDRE C 128 LAZARD AVE TOWN OF MT ROYAL QUE	B COM 2 RE 7 4470
DORKEN WALTER ROBERT 12 ST GEORGES PLACE WESTMOUNT QUE	B ENG 2 HU 8 4268
DORR JOHN JEREMY 3463 SHUTER ST APT 1 MTL BOX 314 KINGSTON JAMAICA B W I	B COM 3 VI 5 0746
DORRANCE DONALD ANGUS 2169 MARCIL AVE MONTREAL QUE	B ENG CIV 3 HU 1 6993
DORSEY EDITH ANN 740 UPPER ROSLYN AVE MONTREAL QUE	B A 1 EL 3382
DOUCET DANIELLE JAN 129 ST ANNE ST ST ANNE DE BELLEVUE 10922 STE GERTRUDE ST MONTREAL NORTH QUE	TCH ELEM 1
DOUGHERTY DELBERT WENDALL MACDONALD COLLEGE BURY QUE	TCH INT 1
DOUGLAS ALAN WRIGHT BRITTAIN HALL MACDONALD COLLEGE FIRST ST PARKDALE CHARLOTTETOWN P E I	B SC AGR 4
DOUGLAS ALTHEA MCCOY 3440 PEEL ST APT 17 MONTREAL QUE	M A 3 RE 4113
DOUGLAS ARTHUR JOHN 530 FIRST AVE VERDUN QUE	TCH INT 1
DOUGLAS HARVEY EDWARD 3801 KENT AVE MONTREAL QUE	B ENG EL 4 RE 8 2133
DOUGLAS JAMES BRUCE 755 FOURTH AVE VERDUN QUE	B COM 3 PO 6 5501
DOUGLAS OTTILIE MARGARET 648 MURRAY HILL AVE WESTMOUNT QUE	B A 4 EL 1960
DOUGLASS JUNE PEARL BOX 85 WATERVILLE QUE	TCH ELEM 1
DOUVILLE JEAN EUDES 3650 LORNE CRESCENT MTL SAINT ALBAN PORTNEUF CO QUE	B COM 4 VI 5 0079
DOUYON LAMARCK 500 PINE AVE W MT ALLAN MEMORIAL INSTITUTE 1025 PINE AVE W MONTREAL QUE	MED DIPL 1
DOW JOHN MALCOLM 4448 WILSON AVE MONTREAL 28 QUE	B ENG CIV 5 DE 4123
DOWDING PETER GILBERT 2058 VICTORIA ST MTL BRAYWICK PINE HILL ST MICHAEL BARBADOS B W I	B A 4 VI 9 5985
DOWIE ROBERT OWEN 3581 UNIVERSITY ST MTL 405 LETHBRIDGE AVE MONTREAL QUE	B ENG 2 VI 9 1364
DOWNES OSWALD MALCOLM 526 MILTON ST MONTREAL QUE	B COM 3 PL 4778
DOWNING PETER SHARRAN 3509 HUTCHISON ST APT 30 86 COURT ST PLATTSBURGH N Y U S A	MD CM 1 AV 8 0404
DOYLE JOHN PATRICK 14525 GARFIELD AVE LAKEWOOD OHIO U S A	M SC 2
DOYLE JOSEPHINE MIRTH A 3706 PEEL ST MTL 5375 OLD WEST ROAD R R 9 ROYAL OAK B C	B N 2 AV 8 2062
DRAGONAS HELEN 1975 KILDARE RD TOWN OF MT ROYAL QUE	A & S COM 1 RE 1 2981
DRAKE ELIZABETH ANNE ROYAL VICTORIA COLLEGE P O BOX 604 SAULT STE MARIE ONT	B SC 1 PL 0597
DRAYTON ROBERT MCDONALD 3550 SHUTER ST MONTREAL QUE	B A 2 PL 0452
DRAZIN LOUIS 6042 WILDERTON AVE MONTREAL QUE	B C L 1 RE 8 1240
DREW EDWARD JOHN DOUGLAS HALL 12 UPPER BROOK ST LONDON W 1 ENGLAND	B ENG 1
DRIFDGER FLORENCE GAY R 366 SHERBROOKE ST W APT 6 MTL OSLER SASK	M S W 2
DRIEDGER OTTO HENRY 366 SHERBROOKE ST W MTL BOX 22 OSLER SASK	M S W 2
DRIVER PETER MICHAEL ROOM 242 ZOO DEPT	PH D 1
DROSTE DORIS IRENE 3445 RIDGEWOOD AVE APT 202 MONTREAL QUE	B ARCH 4 RE 8 4511
DROUIN J ROBERT S 421 PRINCE ARTHUR ST W 22 STE URSULE ST QUEBEC CITY QUE	PH D 2 VI 5 8370
DRUKER EDWARD JOSEPH 2732 BRINTON ROAD MONTREAL QUE	B A 3 RE 7 6805
DRUKER JACK IRVING 2732 BRINTON ROAD MONTREAL QUE	B SC 4 RE 7 6805
DRUMMOND DENIS SISE 10 BELLEVUE AVE WESTMOUNT QUE	PARTIAL DE 5471
DRUMMOND DEREK ARMOUR 47 ROSEMOUNT AVE MONTREAL QUE	B ARCH 2 WE 2 6860
DRUMMOND GORDON DOUGLAS 772 GODIN AVE VERDUN QUE	B SC 2 PO 8 5764
DRUMMOND ROBERT NORMAN 7340 MAYNARD ST MONTPEAL 16 QUE	PH D 4 RE 9 1038
DRUPALS GEORGE 5230 OBRYAN AVE MONTREAL QUE	B ENG CIV 5 EL 1846
DRUPALS MAY 5230 O BRYAN AVE MONTREAL QUE	B SC 1 EL 1846
DRURY FREDERICK CHARLES 159 NORMANDY DRIVE TOWN OF MT ROYAL QUE	B ENG 1 RE 1 4745

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
DRYDEN THOMAS HENRY MACDONALD COLLEGE R R 1 COWANSVILLE QUE	B SC AGR 1
DRYMER EARL HARVEY 6462 SHERBROOKE ST W APT 14 MONTREAL QUE	B C L 2 HU H 2252
DRYSDALE JAMES KEITH 82 STRATHEARN AVE MONTREAL WEST QUE	B SC 2 EL 1958
DRYSDALE KEVIN JAMES 5 ST LOUIS ST ST JOHNS QUE	B ENG 1 FI 6 6607
DUARTE CHABROL JOHN G 3508 DUROCHER ST MONTREAL QUE	B SC 3 VI 9 4352
DUBE JOSEPH JEAN YVON 258 SHERBROOKE ST W MTL 328 ST MAURICE PARK CAP DE LA MADELEINE QUE	B ENG 1 RE 7102
DUBE ROBERT 6255 NORTHCREST APT 105 MONTREAL QUE	MED DIPL 1 RE H 9015
DUBIN SANDRA 1555 LAJOIE AVE OUTREMONT QUE	H A 2 CR 2 7829
DUBOIS MARGARET ALICE 3450 DRUMMOND ST APT 30 BOX 308 STORTHOAKS SASK	B L S 1 RE 0653
DUBORD JOSEPH RENE 1480 CARTIER MONTREAL 24 QUE	B ENG CIV 4 LA 5 1322
DUBOW HARRY IRVING 5201 COTE ST ANTOINE RD MONTREAL QUE	MD CM 4 DE 4298
DUCHOW SANDRA RIVA 6507 MACDONALD AVE MONTREAL QUE	B A 4 RE H 5931
DUCKWORTH JOHN RICHARD 3508 UNIVERSITY ST MTL 89 CAMBRIDGE ST HALIFAX N S	B ENG 2 VI 5 4873
DUFAYS PAUL ARTHUR HENRY 1885 LAVAL RD VILLE ST LAURENT QUE	B ENG 1 RI 7 3437
DUFF ARTHUR WOODBRIDGE DOUGLAS HALL	MD CM 3 VI 5 1700
DUFF GRAHAM LYMAN 24 MELBOURNE AVE WESTMOUNT QUE	B ENG 2 WE 2 2654
DUFF SHEILA LOUISE 24 MELBOURNE AVE MONTREAL 6 QUE	B SC 3 WE 2 2654
DUFFIELD PETER ROE 3965 RAMEZAY AVE MONTREAL QUE	B ENG CH 4 WE 5 3366
DUFFY KENNETH RAYMOND 124 MARTIN AVE DORVAL QUE	B SC AGR 1 ME 1 1222
DUFOUR JEAN PAUL 2057 MANSFIELD ST APT 12 MTL ST CASIMIR QUE	B C L 3 VI 9 3869
DUGUAY MICHEL ALEERT 10786 DURHAM MONTREAL 12 QUE	B ENG 2 DU H 2322
DUGUAY RENE PAUL 3512 SHERBROOKE ST MTL BOX 3 SMOOTH ROCK FALLS ONT	B ENG 2
DUINAT BLANCHE EUGENIE 2211 PRUDHOMME AVE APT 9 WINGARD P O SASK	M A 3 HU H 7833
DUKE DOROTHY MARY 196 METCALFE ST APT 404 OTTAWA ONT	M L S 1
DUKE RICHARD HAROLD 388 BEAUMONT W ST BRUNO QUE	B ENG 2
DULEPKA MAURICE ROMAN 5659 BOURBONNIERE ST MONTREAL QUE	B ENG 1 RA 7 3828
DUNBAR SUSAN ELIZABETH ROYAL VICTORIA COLLEGE 30 COBALT ST COPPER CLIFF ONT	B A 2
DUNCAN DIANA RUTH ROYAL VICTORIA COLLEGE 344 FURMAN ST SCHENECTADY 4 N Y U S A	B ENG 1 PL 0597
DUNDAS JOHN BROCK 359 KINDERSLEY AVE TOWN OF MT ROYAL QUE	MD CM 3 RE 7 8418
DUNDAS ROBERT GORDON 359 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B SC 1 RE 7 8418
DUNFIELD JOHN CHARLES DOUGLAS HALL 406 THE KINGSWAY TORONTO 18 ONT	B ENG 2
DUNKERLEY DAVID WILLIAM 5502 RANDALL AVE MONTREAL QUE	B ENG EL 3 DE 0661
DUNKIN ELIZABETH NAOMI 5350 RANDALL AVE APT 5 MONTREAL QUE	PHYSIOTH 3 EL 3333
DUNLOP CYNTHIA DEBLOIS MACDONALD COLLEGE 212 2ND ST W CORNWALL ONT	HOMEMAKER 2
DUNLOP DAVID WHITSON S 1550 MCGREGOR ST MTL THE HAYSEL HILDENBOROUGH KENT ENGLAND	B A 1 WE 5 0513
DUNN ANITA SHARON 4878 ISABELLA AVE MONTREAL QUE	B A 1 RE H 8101
DUNN EARL VINCENT 1487 CHOMEDY ST APT 5A BOX 209 COOKSHIRE QUE	MD CM 2 FI 7391
DUNN JOHN THOMAS 116 QUEENS ROAD VALOIS QUE	B ENG 2 OX 7 3659
DUNNING LOUISE BLAYLOCK 3644 ONTARIO AVE MONTREAL 25 QUE	B A 4 VI 9 7800
DUNSEATH BARRIE 1229 MOUNTAIN ST APT 10 SOMBRA ONT	B SC 2
DU PLESSIS LEON PHILIP 3466 MCTAVISH ST MTL MILL ST DOVER PLAINS N Y U S A	MD CM 1 AV H 9533
DUPLISEA LETESHIA MAE P W MACDONALD COLLEGE MOUTH OF KESWICK YORK CO N B	B SC H EC 1
DUPONT PIERRE ALBERT 27A PERRAULT AVE STE ANNE DE BELLEVUE QUE	B ENG 2
DUPUIS JOSEPH ARMAND A 343 41 AVE LACHINE QUE	B ENG CIV 5 ME 7 H797
DUPUIS YVON CHARLES 2057 DEPATIE VILLE ST LAURENT QUE	B ENG CIV 5

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
DUPUY JEAN 465 WALNUT AVE ST LAMBERT QUE	B ENG 1 OR 1 6819
DUQUETTE GILLES 8322 BERRI ST MONTREAL QUE	M SC 2 DU 8 7580
DURAND ROLAND LOUIS H G 3380 RIDGEWOOD AVE APT 501 MONTREAL QUE	B C L 4 RE 7 2656
DURANLEAU ALFRED JEAN J 2287 HARVARD AVE N D G MONTREAL QUE	B ENG CH 3 DE 3616
DURDEN CHRISTOPHER JOHN R R 1 ILE PERROT NORD QUE	B SC 1
DURHAM MICHAEL EDWARD 436 BEVAN AVE OTTAWA ONT	B ENG CIV 5
DURLEY RICHARD JOHN 6 BELVEDERE ROAD WESTMOUNT QUE	B ENG 2 WE 3 5942
DURNIN WILLIAM EDWARD 3601 UNIVERSITY ST MTL 257 ANGUS CRESCENT REGINA SASK	B ENG MI 5 VI 9 4487
DURRANT CHARLES DAVID 70 WINSTON CIRCLE POINTE CLAIRE QUE	B SC 1 OX 5 6368
DURSO ANDRE FRANCIS 7964 ST DOMINIQUE ST MONTREAL QUE	B C L 1 DU 7 3660
D URSO JOHN ANTHONY 3504 PARK AVE APT 18 MTL 26 PARK PLACE VALLEY STREAM N Y U S A	MD CM 4 BE 7187
DUSSAULT HENRI PAUL P O BOX 13 GRANDE RIVIERE QUE	PH D 4
DUTARY BEDSY ELSIRA ROYAL VICTORIA COLLEGE SANEAMIENTO AMBIENTAL BOX 3462 PANAMA R P	B SC 1 PL 0597
DUTHIE MARION LOUISE MACDONALD COLLEGE 173 GLENGROVE AVE W TORONTO 12 ONT	B SC H EC 3
DUTTON WALTER ARTHUR 650 17TH AVE LACHINE QUE	B SC 2 ME 7 5138
DUVERNET JOHN FREDERICK 467 MT STEPHEN WESTMOUNT 521 HIGHLAND AVE OTTAWA ONT	B ARCH 3 WE 2 5454
DWORKIN NORMA GAIL 4900 GROSVENOR AVE MONTREAL QUE	B A 1 HU 1 3212
DWYER DENNIS FIELDING 3005 BARAT ROAD MONTREAL QUE	B COM 3 WE 2 4864
DYCK RONALD DENNIS 125 CHESTER AVE VALOIS QUE	B ENG MCH 3 OX 7 0045
DYER THELMA EDITH 4455 LASALLE BLVD VERDUN QUE	B A 4 PO 9 3076
DYKE JOHN GERRARD 120 GEO V AVE LACHINE QUE	B ENG MCH 3 ME 7 2950
DYMENT PAUL GEORGE 70 KINDERSLEY ST TOWN OF MT ROYAL QUE	MD CM 2 RE 8 0888

E

NAME ADDRESS	COURSE & YEAR TEL. NO.
EAKIN BARBARA GAEL 635 CARLETON AVE WESTMOUNT QUE	B A 1 HU 1 1456
EAKINS ROSEMARY LOUISE 495 PRINCE ARTHUR ST W APT 16 MONTREAL QUE	M A 1 VI 5 6616
EAMAN ROBERT DOUGLAS 3450 MARLOWE AVE MONTREAL QUE	B SC 3 HU 1 9562
EAMAN STANLEY GEORGE 4385 MELROSE AVE MONTREAL QUE	B ENG 1 HU 1 3280
EAPPEN COLLAPARAMBIL E 3629 LORNE CRES APT 6 AZHIPURA NEAV DISTRICT HOSPITAL KOTTAYAW S KERALE S INDIA	PH D 3 PL 0364
EASDON GEORGE 3478 MCTAVISH ST MONTREAL QUE	B C L 1 PL 7412
EASDON MICHAEL MORTIMER 2068 SHERBROOKE ST W APT 10 MONTREAL QUE	B SC 2 WE 3 1523
EASTEAL CHARLES DENNIS 5055 COTE ST LUC ROAD APT 58 MONTREAL QUE	M ENG 1 DE 2903
EATON CYNTHIA CAROL 482 MOUNT PLEASANT AVE WESTMOUNT QUE	B A 3 WE 3 6002
EATON JOHN BURTON MACDONALD COLLEGE CANNING N S	B SC AGR 3
EATON ROBERT FINLAYSON 482 MOUNT PLEASANT AVE WESTMOUNT QUE	B A 1 WE 3 6002
EBERTS EDMOND GORDON 631 CARLETON AVE WESTMOUNT QUE	B SC 3 HU 8 5403
EBERTS GORDON HOWARD 631 CARLETON AVE WESTMOUNT QUE	B A 2 HU 8 5403
ECCLES AUDREY 4949 PRINCE ST ROXBORO QUE	B A 3
ECHENBERG GORDON LEE 3483 PEEL ST MTL 1415 PORTLAND AVE SHERBROOKE QUE	B COM 1
ECHENBERG HOWARD BERTRAM 3483 PEEL ST MTL 587 BRYANT ST SHERBROOKE QUE	B COM 1
ECHEVERS ERNESTO JOSE 3506 UNIVERSITY ST MTL P O BOX 4298 PANAMA REPUBLIC OF PANAMA	B SC 2 BE 0624
EDE NORMAN LAURENCE 18 WAVERLEY ROAD PTE CLAIRE QUE	B ENG 2 OX 5 6461
EDELBERG DAVID SHABSAI 4501 HARVARD AVE MONTREAL 28 QUE	B ENG 1 HU 8 5701
EDELBERG EDNA MIRIAM 4501 HARVARD AVE MONTREAL 28 QUE	B A 4 HU 8 5701
EDELBERG PAULA HINDA 5940 DECELLES AVE APT 3 MONTREAL QUE	B A 1 RE 7 1075

DIRECTORY OF STUDENTS

Where two addresses are given. the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
EDELSTEIN ELDA MASHA 5826 DECELLES AVE MONTREAL QUE	B COM 3 RE 8 9748
EDGE ADRIANNE 1583 GRAHAM BLVD APT 3 TOWN OF MT ROYAL QUE	TCH ELEM 1 RE 8 8456
EDSFORTH JANET ELIZABETH 4650 WESTMORE AVE MONTREAL QUE	B A 4 HU 1 8303
EDWARDS CAROL ANNE BOX 17 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC H EC 4
EDWARDS GLYN KENNETH 5055 VICTORIA AVE MONTREAL QUE	B SC 3 RE 7 9589
EDWARDS IVOR KEITH MACDONALD COLLEGE P O BOX 83 MANDEVILLE JAMAICA B W I	B SC AGR 1
EDWARDS MAURICE OWEN WILSON HALL P O BOX 83 MANDEVILLE P O JAMAICA B W I	B SC 1
EHRLICH ANNETTE 3491 STANLEY ST MONTREAL QUE	PH D 3
EHRLICH DANIEL JOSEPH 3491 STANLEY ST MTL 31 W 10TH ST NEW YORK CITY N Y U S A	M A 2
EIBEL DEBORAH 6657 WILDERTON AVE MONTREAL QUE	B A 2 RE 7 3717
EICHMAN OTTO KARL 3475 RIDGEWOOD AVE APT 204 MTL 303 E ROSS PALMYRA MISS U S A	MD CM 1 RE 8 5043
EILEY HYMIE JOSEPH 931 PRATT AVE MONTREAL QUE	B COM 4 RE 7 3751
EIN SIGMUND HIRSCH 4043 VENDOME AVE MONTREAL QUE	MD CM 1 EL 7462
EISENBRAUN ALLAN A 3484 DUROCHER ST APT 307 MONTREAL QUE	PH D 3 BE 9027
EISENBRAUN EDGAR W 5261 PONSARD AVE MONTREAL QUE	PH D 3 DE 1225
EISENSTEIN SAM 59 MARIE ANNE ST E MONTREAL QUE	GRAD QUAL 1 VI 5 8553
EIZNER OLGA 8628 STUART AVE MONTREAL QUE	B SC 2 CR 1 6319
EKANEM DAVID JAMES 2044 METCALFE ST MTL BOX 51 UYO NIGERIA	B ENG CIV 3
ELCOX DOREEN ANNE 92 LECAVALIER ST VILLE ST LAURENT QUE	B SC 4 RI 4 0234
ELIAS CASO ALAIN MACDONALD COLLEGE PASATE RAMON RIBEYRO 141 SAN ANTONIO LIMA PERU	AG AD DIP 1
ELIAS JOSEPH PAUL DOUGLAS HALL 41 MURRAY ST PORT OF SPAIN TRINIDAD B W I	B COM 2 AV 8 8463
ELIOT CHRISTOPHER RHODES 1389 REDPATH CRESCENT 89 IRVING ST CAMBRIDGE MASS U S A	MD CM 2 PL 4738
ELKIN JACOB JOSEPH DE S 581 LANSDOWNE AVE MONTREAL 6 QUE	B A 1 HU 1 2828
ELLIOTT DAVID WILLIAM 3460 SIMPSON ST MTL COMO QUE	B SC 2 WE 3 5222
ELLIOTT GILBERT OWEN 299 QUINN BLVD MONTREAL 23 QUE	B ENG 1 OR 4 4752
ELLIOTT GRACE ELEANOR MACDONALD COLLEGE ORMSTOWN QUE	TCH INT 2
ELLIOTT JOHN GERARD R R 1 THE GARDENS DESCHENES QUE	B SC AGR 4
ELLIOTT MAEVE 415 BELAIR ISLAND ROSEMERE QUE	TCH ELEM 1
ELLIOTT PETER NICHOLAS 5620 ST JOSEPH ST LACHINE QUE	B ENG 1 ME 7 3984
ELLIOTT RODERICK DAVID 1490 CLOSSE ST APT 4 MTL 166A MAIN ROAD HUDSON QUE	B ENG EL 3 WE 7 5633
ELLIS DOROTHY ELAINE STEWART HALL MACDONALD COLLEGE BOX 471 SHELBURNE N S	TCH KIND 1
ELLIS EVA EVELYN 4390 WILSON AVE MONTREAL QUE	B SC 1 EL 4121
ELLIS LEONARD 4390 WILSON AVE MONTREAL QUE	B A 3 EL 4121
ELLIS MORTY NORMAN 5734 NORTHMOUNT AVE MONTREAL 26 QUE	B A 3 RE 8 7920
ELLIS NORMA JACQUELINE W 479A PRINCE ARTHUR ST W BOX 36 ST GEORGE N B	PH D 3 BE 7063
ELLIS PETER COWAN 1890 SURREY CRESCENT MONTREAL 16 QUE	B ENG 2 RE 8 7457
ELLIS PETER DAVID M MACDONALD COLLEGE P O BOX 370 STE ANNE DE BELLEVUE QUE	TCH INT 2
ELLIS ROBERT THOMAS BRIAN 356 9TH AVE VILLE LA SALLE QUE	B ENG 1 PO 8 0966
ELLIS WILLIAM HEPBURN DOUGLAS HALL BOX 779 FERGUS ONT	B ENG CIV 5 AV 8 2774
ELMSLIE SHIRLEY HELEN 9807 LASALLE BLVD VILLE LASALLE QUE	PHYSIOTH 1 ME 7 1955
EL SAI DORA ABDEL GHAFFAR 1441 ST MATTHEW ST MONTREAL QUE	M A 1 WE 7 1653
ELSDON WILLIAM LLOYD 31 FRONTENAC DEEP RIVER ONT	PH D 5
ELSON JAMES FREDERICK UNITED COLLEGE RESIDENCE KENMORE ONT	PARTIAL

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
EMO JANET PARKER 202 SIMCOE AVE MONTREAL QUE	B SC 2 RE 7 2197
EMO RALPH GORDON 1933 LE BER ST MONTREAL QUE	MD CM 4 WE 2 6597
EMRICK GLORIA ALICE MAE MACDONALD COLLEGE NOYAN QUE	TCH ELEM 1
ENGEL ROSALIE JUNE 4865 QUEEN MARY ROAD APT 8 MTL 85 BROCKTON AVE HAVERHILL MASS U S A	M S W 1 RE 7 2479
ENGELAND GERALD MAURICE 8 ST CHARLES ST DORVAL QUE	B ENG 1 ME 1 3623
ENGELBERT ALBERT CLAUDE 21 THORNHILL AVE WESTMOUNT QUE	B COM 2 WE 5 4024
ENGELDER ANN LOUISE ROYAL VICTORIA COLLEGE S R B WELLSVILLE NEW YORK U S A	B A 4 PL 0477
ENGLAND MABEL JANINE MCLENNAN HALL R R 2 WEST ROYALTY P E I	PHYSIOTH 3 PL 0044
ENGLER EILEEN 1209 ST VIATEUR ST W MONTREAL QUE	B A 1 CR 4 8082
ENGLISH MARION MARGARET STUART HALL 327 ISLAND PARK DRIV OTTAWA ONT	B SC P ED 2
ENGLISH STANLEY FRASER 416 HUDSON AVE MONTREAL WEST QUE	B C L 1 HU 9 6727
ENTWISTLE SANDRA ALICE MACDONALD COLLEGE 1205 LECLAIR AVE VERDUN QUE	TCH INT 1
EPSTEIN ANGELA 805 MCEACHRAN AVE APT 7 OUTREMONT QUE	B SC 1 CR 6 5687
EPSTEIN SAM 5728 QUEEN MARY ROAD HAMPSTEAD QUE	B A 2 HU R 0117
ERB DAVID KINSEY 23 TALWOOD DRIVE DON MILLS ONT	PH D 7
ERICKSON MARLENE JEAN SHRINERS HOSPITAL 1529 CEDAR AVE MTL BOX 24 POWASSAN ONT	GR N CERT 1 PL 4464
ERICKSON WILLIAM JOHN 345 GRAHAM BLVD APT 14 TOWN OF MT ROYAL QUE	B C L 1 RE 3 2640
ERMER JULIE ANNE 1445 FORT ST MONTREAL QUE	B A 1 WE 2 4515
ESAR BENJAMIN 5175 WESTBURY AVE MONTREAL QUE	B ENG EL 3 RE R 1218
ESCHAUZIER HENRI PIERRE 426 SHERBROOKE ST W APT 2 MONTREAL QUE	B A 2 AV R 4846
ESCOBAR FELIPE EDUARDO MACDONALD COLLEGE APDO 474 PANAMA REP DE PANAMA	B SC AGR 4

NAME ADDRESS	COURSE & YEAR TEL. NO.
ESPLEY PATRICIA PEARL BOX 950 MACDONALD COLL 965 REGENT AVE N D G MONTREAL QUE	B SC P ED 1
ESSEPIAN JOHN PHILLIP 5978 SOMERLED AVE MTL 23 HILLCREST AVE LATHAM NEW YORK U S A	D D S 3 HU 1 2486
ESTABROOKS ELIZABETH A 1585 MCGREGOR ST APT 36 1 GLENBURN COURT SAINT JOHN N B	GR N CERT 1
ETCOVITCH ALLEN 776 BLOOMFIELD AVE MONTREAL 8 QUE	B SC 2
ETHERINGTON BARBARA JANE ROYAL VICTORIA COLLEGE 218 ABERDEEN AVE HAMILTON ONT	PHYSIOTH 2
ETIENNE LORRAINE E ROYAL VICTORIA COLLEGE 145 HIGHLAND AVE KINGSTON N Y U S A	B A 1
ETTINGER ZAVE 5724 MOUNTAIN SIGHTS AVE APT 9 MONTREAL QUE	M S W 1
EVANGELATOS TIMOTHY V 5704 ESPLANADE AVE MONTREAL QUE	B ENG PHY 4 CR 1 5344
EVANS ALVIN LLOYD HOWICK QUE	S T M 1
EVANS ANN BERRELL A ROYAL VICTORIA COLLEGE 722 ECHO DRIVE OTTAWA ONT	B A 4 PL 0477
EVANS EDWARD ARTHUR 66 ARLINGTON AVE WESTMOUNT QUE	B ENG 1 WE 7 3337
EVANS EWAN NEVIL NORTON 48 MORRISON AVE TOWN OF MT ROYAL QUE	B ENG 1 RE R 1072
EVANS JEAN CAROLYN 1275 LATOUR ST VILLE ST LAURENT QUE	B SC 1 RI R 7078
EVANS JOAN WILLIAM 1509 SHERBROOKE ST W MONTREAL QUE	PH D 1 WE 7 1457
EVANS RUTH ANN MACDONALD COLLEGE GEORGEVILLE QUE	R SC AGR 2
EVANS WILLIAM DAVID 52 MORGAN ROAD BAIE D URFE QUE	B ENG EL 4
EVELYN CHARLES ANTHONY H 6109 DUROCHER ST MTL SKEGNESS FONTABELLE ST MICHAEL BARBADOS B W I	B ENG COM 5 CR 7 6829
EVELYN DEREK EDWARD T 1445 OUIMET AVE APT 32 VILLE ST LAURENT QUE	B COM 2 RI 7 592[illegible]
EVERETT JUNE LOUISE MACDONALD COLLEGE 114 CONNORS ST LANCASTER N B	TCH INT 1
EVERITT DOROTHY IONA ROYAL VICTORIA COLLEGE SCHREIBER ONT	B A 2 PL 0634
EWART ROBERT GEORGE 204 RUTH AVE OTTERBURN PARK QUE	B SC 2 FO 7 4221
EWING MARGARET LORA ROYAL VICTORIA COLLEGE R F D 1 EAST HAMPTON MASS U S A	B A 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
EYLANDS JO N VALDIMAR 12025 DESCHAMPS PL APT 4 MONTREAL QUE	MD CM 4 DU 9 5749
EYMARD JOSEPH PAUL AIME L 4025 DES ERABLES MONTREAL QUE	B C L 4

F

FAIGAN HARVEY 4090 PLAMONDON AVE APT 6 MONTREAL QUE	D D S 1 RE- R 6445
FAILLE LOLITA 129 QUERBES AVE MONTREAL QUE	M S W 1 CR 7 3846
FAILLE NANCY ANN ROYAL VICTORIA COLLEGE 51 SHAWMUT ST SPRINGFIELD MASS U S A	B ENG EL 4 PL 0819
FAIRBAIRN DAVID RAY 488 STRATHCONA AVE WESTMOUNT QUE	B COM 3 WE 7 4587
FAIRMAN FREDERICK WALKER 4353 MONTROSE AVE WESTMOUNT QUE	B ENG EL 4 WE 5 1760
FAITH ROBERT WARD 755 UPPER BELMONT AVE WESTMOUNT QUE	D D S 4 EL 5927
FALCONAR ANDREW SOMERLED 35 LEGAULT ST STE ANNE DE BELLEVUE QUE	B SC 2
FALCONER CHARLES R 3511 PEEL ST MTL 5610 JEANNE MANCE ST MONTREAL QUE	B SC 4 RE 4777
FALLENBUCHL ZBIGNIEW M 2475 MAPLEWOOD AVE APT 8 MONTREAL QUE	M A 1
FALLIS RITA 4925 CARLTON AVE MONTREAL QUE	PHYSIOTH 3 RE 3 9797
FALTA VERA SONIA 2375 MACNEIL RD MONTREAL 16 QUE	B SC 2 RE 7 9842
FANCOTT JULYAN 119 CEDAR AVE POINTE CLAIRE QUE	B A 2 OX 5 5787
FANCOTT TERRILL 119 CEDAR AVE POINTE CLAIRE QUE	B ENG 2 OX 5 5787
FANOK MARIA 400 VICTORIA ST LACHINE QUE	EDUCATION 1 ME 7 3002
FARDIAH HADIS 3459 DRUMMOND ST MTL DJ BANDUNG 14TH DJAKARTA INDONESIA	GR N CERT 1 BE 0653
FARGE JEAN CLAUDE 11445 HENAULT AVE MONTREAL NORTH QUE	B ENG MET 3 DU 1 0076
FARIS MOHAMMED AHMED 3506 UNIVERSITY ST MTL BARAJ BLDG SADAT ST BEIRUT LEBANON	B ENG AM 4 BE 0624
FARKAS GEORGE 7404 CHAMPAGNEUR MONTREAL QUE	B ENG 2 CR 7 3341
FARLEY DON EDMOND 3466 MCTAVISH ST MTL 2711 EAST 13TH AVE SPOKANE 32 WASH U S A	MD CM 3
FARLEY JOHN DAVID 546 MILTON ST APT 1 MTL 219 GLOUCESTER ROAD OAKVILLE ONT	B ARCH 5 AV R 5444
FARMER ALAN 3482 MCTAVISH ST MTL OWLSWICK 27 HALL PARK BERKHAMPSTED HERTS ENGLAND	B A 2 PL 1674
FARMER FRASER HARVEY 44A PERRAULT AVE STE ANNE DE BELLEVUE QUE	B ENG 2
FARMER KEITH DAVID 174 TURGEON ST STE THERESE QUE	B ENG 1
FARMER ROBERT ALLAN WILSON HALL C O MR R W FARMER 26 DAWSON AVE DORVAL QUE	B ENG 2
FARNDALE PENELOPE 75 GABLES COURT BEACONSFIELD QUE	B A 2 OX 5 6660
FARNSWORTH JAMES FRANKLIN MACDONALD COLLEGE 23 ELLERDALE ROAD HAMPSTEAD QUE	B SC AGR 1
FARNSWORTH PETER BIRGER 3438 DUROCHER ST MTL WESTPORT N Y U S A	MD CM 3 BE 0415
FARQUHARSON ARTHUR DAVID 1500 SHERBROOKE ST W APT 56 MTL 103 HILLHURST BLVD TORONTO ONT	B ENG CIV 4 WE 2 4609
FARQUHARSON PENELOPE C 168 MELBOURNE AVE TOWN OF MT ROYAL QUE	B SC N 1 RE 7 9762
FARRELL BERNICE J C 4595 EARNSCLIFFE AVE MONTREAL QUE	D P H 1 EL 2884
FARRELL THOMAS ADAM 545 PINE AVE W MTL HARTS HILL WHITESBORO N Y U S A	MD CM 1 VI 5 7045
FARRINGTON ALLAN PETER 7270 SHERBROOKE ST W APT 21 N D G MONTREAL QUE	B ENG MCH 5 HU R 5905
FARUQI ZIYA UL HASAN 3513 ST FAMILLE ST MTL JARNIA MILLIE ISLAMIA NEW DELHI INDIA	M A 1
FATTAL LEON YEHUDA WILSON HALL 1042 HONMURACHO AZABU TOKYO JAPAN	B ENG 1
FAULCONBRIDGE ALBERT J 5950 SQUART AVE APT 9 385 MAY ST ELMHURST ILLINOIS U S A	MD CM 2
FAURE ANDRE FERDINAND 2920 GLENCOE AVE MONTREAL 16 QUE	B ENG 2
FAVREAU RAYMOND 3145 BARCLAY ST APT 11 MONTREAL QUE	B C L 2
FAVREAU ROGER FERNAND J 865 ROY ST E MONTREAL QUE	PH D 3 LA 1 7565
FAWCETT JOHN HUBERT 523 BIRCH AVE ST LAMBERT QUE	MD CM 4 OR 1 9177

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
FAY BARBARA JOAN ROYAL VICTORIA COLLEGE 20 KIRKHAM ST NEWINGTON CONN U S A	B SC 1 PL 0829
FEARMAN FRANCES SCOTT ROYAL VICTORIA COLLEGE 206 COLBORNE ST W OAKVILLE ONT	B A 2 PL 0495
FEDORKOW WILLIAM 1145 DRUMMOND ST MTL PERRON QUE	B ENG 1
FEFFERMAN STANLEY 4620 PLAMONDON AVE APT 2 MONTREAL QUE	PARTIAL RE 1 2922
FEHER LORNE CSABA ARPAD 50 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ENG 1 RE 1 5732
FEHER MICHAEL COLEMAN 7020 STUART AVE APT 2 MONTREAL 15 QUE	B ENG CIV 5 CR 1 7546
FEHERDY IVAN 1 CHELSEA PLACE MONTREAL QUE	B A 2 WE 5 3720
FEIFER GERALD LEO 15 PAGNUELO AVE OUTREMONT QUE	B COM 3 CR 2 5628
FEIFER HERBERT 15 PAGNUELO AVE OUTREMONT QUE	B ENG 1 CR 2 5628
FEINCHNEIDER JEANINE 2140 COLLEGE ST VILLE ST LAURENT QUE	B SC 1 RI 8 8965
FEINER MERRILLE BINA 4511 MAPLEWOOD AVE MONTREAL QUE	B SC 3 RE 8 8620
FEINGOLD MYRA BELLE M 5135 LACOMBE AVE MONTREAL QUE	B A 1 RE 1 0419
FELBERG MARGARET LUCIE 5152 CLANRANALD AVE MONTREAL QUE	B A 3 HU 1 9111
FELDMAN ALLEN EDWARD 3081 BRIGHTON AVE MONTREAL QUE	B SC 1 RE 7 7715
FELDMAN LEONARD 5450 ST LAWRENCE BLVD MONTREAL QUE	B ENG 1 CR 2 0444
FELDMAN MARIAN 6103 WILDERTON AVE MONTREAL QUE	B A 1 RE 1 2318
FELDMAN MICHAEL ROBERT 601 CLARKE AVE WESTMOUNT QUE	B COM 1 WE 5 9006
FELDMAN MIRIAM BERNICE 648 SHERBROOKE ST W MTL C O REINER 1410 PARKCHESTER ROAD BRONX 62 N Y U S A	M S W 2 VI 5 0952
FELDMAN MYRNA 709 CHAMPAGNEUR AVE OUTREMONT QUE	B A 2 CR 6 6136
FELDMAN NORMAN 470 HARRIS ST VILLE ST LAURENT QUE	B SC 3 RI 4 6387
FELDMAN PHILIP SEYMOUR 3420 PEEL ST MTL 1975 YPRES BLVD WINDSOR ONT	B A 2 BE 7812
FELDMAN SAMUEL MITCHELL 648 SHERBROOKE ST W MTL 5426 BERKS ST PHILA 31 PA U S A	PH D 3 VI 5 0952
FELDMAN WILLIAM 3295 RIDGEWOOD AVE APT 27 MONTREAL QUE	MD CM 1
FELDMAN ZINA 5568 WOODBURY AVE MONTREAL QUE	TCH INT 2 RE R 1459
FELEDY JULIUS A 2061 DORCHESTER ST W MONTREAL QUE	B A 3 WE 3 0181
FELLOWS ROBERT ELLIS 3504 PARK AVE MTL APT 1 302 HALTON ROAD SYRACUSE 10 N Y U S A	MD CM 3 PL 7351
FELS MORTON 4978 VICTORIA AVE MONTREAL QUE	B ENG 2 RE R 6283
FELTRIN JOHN GEORGE 6992 PAPINEAU ST MONTREAL QUE	B ENG CIV 4 CR 4 2145
FENTON RUTH ADA ROYAL VICTORIA COLLEGE 313 DIBBLE ST WEST PRESCOTT ONT	B COM 4 PL 0477
FENWICK JOHN DOUGLAS 697 VICTORIA AVE WESTMOUNT QUE	D D S 4 EL 2662
FENYK ALEXANDRA 5451 15TH AVE MONTREAL 36 QUE	B A 1 RA 1 3180
FERENCZ OSCAR ADAM 3535 SHUTER ST MONTREAL QUE	B ENG EL 3 RE 0841
FERENCZY MARIA AGNES 3622 PRUDHOMME AVE MONTREAL QUE	B SC 2 HU 9 6323
FERGUS PAMELA ELIZABETH 104 FIELDFARE AVE BEAUREPAIRE QUE	PHYSIOTH 2
FERGUSON DERRICK C 529 PRINCE ARTHUR ST MTL BALFIELD ST MARY JAMAICA B W I	B SC 2 BE 0804
FERGUSON DONALD CARVEL 3950 BELANGER ST E APT 1 BOX 8 R R 1 PETERSFIELD MAN	M A 1
FERGUSON DONALD STEWART 268 TRENTON AVE TOWN OF MT ROYAL QUE	B ENG 1 RE 7 3769
FERGUSON JOHN 1000 MCGREGOR ST CHARLETON HOUSE APT 302 MONTREAL QUE	M SC 2
FERGUSON JOHN DUNCAN MACDONALD COLLEGE R R 2 CORNWALL ONT	B SC AGR 2
FERGUSON RALPH GEORGE BRITTAIN HALL MACDONALD COLLEGE BAYHEAD COL CO N S	B SC AGR 3
FERGUSSON JANET HENRIETTA 583 SPRINGFIELD AVE GREENFIELD PARK QUE	M S W 2 OR 1 7162
FEROZ MUHAMMAD RASHID 3519 ST URBAIN ST MTL NAZ MANZIL BLOCK NO 3 H NAZIMABAD KARACHI PAKISTAN	M A 2 BE 9180
FERRABEE FRANCIS JAMES 3424 SIMPSON ST MONTREAL QUE	B C L 1 WE 5 6991

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
FERRIE DONALD JAMES 29 TUNSTALL AVE GARDENVALE QUE	B SC 1
FERRIER DONALD CARR 630 CARLETON AVE WESTMOUNT QUE	B ENG MCH 4 HU 1 8600
FERRY KATHARINE HAMILITON 23 MAPLE AVE STE ANNE DE BELLEVUE 70 NELSON ST MONTREAL WEST QUE	TCH ELEM 1
FESSLER ALFRED 4150 ST KEVIN AVE APT 11 MONTREAL QUE	M SC 1 RE 8 1245
FICHMAN STEPHEN HARRY 832 STUART AVE OUTREMONT QUE	B SC 3 CR 1 2064
FIELDING HENRY ANTHONY 435 PRINCE ALBERT WSTMT C O WESTERN UNION HORTA FAYOL AZORES	B ENG 1 DE 2842
FIELDMAN MICHAEL MENDEL 5181 COTE ST ANTOINE RD MONTREAL QUE	B SC 3 DE 9056
FILLION JEANNINE 1123 DESMARCHAIS BLVD VERDUN QUE	M S W 2 PO 8 1976
FILOTAS MARY ANN 3355 MAPLEWOOD AVE APT 7 MONTREAL QUE	B A 1 RE 8 3221
FINCH JOHN DAVID 3434 MCTAVISH ST MTL 403 CAMPBELL AVE WINDSOR ONT	B ENG CIV 4 PL 4492
FINCHAM HERBERT IAN 112 D ALSACE ST PREVILLE QUE	B SC 1 OR 1 1847
FINDLAY DAVID CHRISTOPHER 2030 MCGILL COLLEGE AVE APT 41 MTL 194 LATCHFORD ROAD OTTAWA ONT	M SC 1
FINDLAY HARLAND MACDONALD COLLEGE P O BOX 797 GATINEAU QUE	B SC AGR 2
FINDLAY MARILYN ELIZABETH MACDONALD COLLEGE 216 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B SC H EC 3
FINDLAY ROSEMARY C ROYAL VICTORIA COLLEGE 14 BELVEDERE CRESCENT OTTAWA ONT	B A 1 PL 0597
FINDLAY WALLACE IRWIN BOX 455 HARROW ONT	PH D 4
FINK HOWARD RUSS 5037 PARK AVE MONTREAL QUE	M A 1 CR 2 0335
FINK PETER JOSEPH 300 SHERBROOKE ST W MTL 211 FLORENCE ST OTTAWA ONT	B ENG CH 4 PL 0590
FINK STANLEY 763 BLOOMFIELD AVE MONTREAL QUE	B SC 3 CR 3 9001
FINKELBERG ISSIE IRVING 650 OUTREMONT AVE MONTREAL QUE	B C L 4 CR 9 7408
FINKELSTEIN HARVEY 7060 CHESTER AVE MONTREAL QUE	B SC 1 HU 8 2143
FINKELSTEIN JACK U 5980 PARK AVE APT 1 MONTREAL QUE	B SC 2 CR 7 2205
FINKELSTEIN LAWRENCE S 794 LEXINGTON AVE WESTMOUNT QUE	B ENG EL 4 EL 2344
FINKELSTEIN MICHAEL F 794 LEXINGTON AVE WESTMOUNT QUE	B SC 1 EL 2322
FINKLESTEIN JERRY 4947 GROSVENOR AVE MONTREAL QUE	B SC 3 RE 7 2950
FINLAYSON JANET LOUISE MACDONALD COLLEGE R R 5 ORMSTOWN QUE	B SC H EC 3
FINLAYSON WENDY ELIZABETH 1 KILBURN CRESCENT MONTREAL 29 QUE	PHYSIOTH 3 EL 4146
FINLEY ERIC GAULT 89 CAMPBELL AVE MONTREAL WEST QUE	PARTIAL HU 8 6856
FINN DOROTHY MAY MCLENNAN HALL 1437 GLENHOLME AVE NIAGARA FALLS ONT	PHYSIOTH 3 PL 0044
FINNEGAN MAUREEN PATRICIA 3590 RIDGEWOOD AVE APT 201 MONTREAL QUE	PHYSIOTH 2 RE 1 0991
FINNEGAN WILLIAM THOMAS 3647 UNIVERSITY ST MTL 13 MAPLE ST KENOGAMI QUE	B ENG 2 AV 8 1473
FIRTH DAVID RICHARD 754 SHERBROOKE ST W APT 8 MONTREAL QUE	PH D 4 VI 5 3046
FISCHEL CAROLE 466 ARGYLE AVE WESTMOUNT QUE	TCH ELEM 1 WE 3 9196
FISCHER ERNST 1290 PINE AVE W MTL 6 HINDENBURGSTRASSE HAGEN WESTFALEN GERMANY	MED DIPL 2 VI 5 1143
FISH ALFRED JOSEPH 4805 DRAPER AVE MONTREAL 29 QUE	B SC 3 DE 1828
FISH ARTHUR GEOFFREY 1186 ST MATHIEU ST MTL 621 GAINSBOROUGH AVE OTTAWA 3 ONT	M SC 1 WE 2 6844
FISH CHARLES R 3524 DUROCHER ST APT 4 BOX 925 WHEATLAND WYOMING U S A	MD CM 1 VI 9 5404
FISH IRVING 2788 BEDFORD ROAD MONTREAL QUE	B SC 3 RE 3 7368
FISH JOAN ALLYSON 598 ARGYLE AVE WESTMOUNT QUE	B A 4 WE 5 3498
FISH MORRIS JACOB 6066 JEANNE MANCE ST MONTREAL QUE	B A 3 CR 2 8173
FISHER BARBARA ELIZABETH 1592 PINE AVE APT 54 MTL 91 ALEXANDRA ST FREDERICTON N B	M SC 1
FISHER NORMAN BASTIDE 5830 COTE ST LUC ROAD APT 22 N D G MONTREAL QUE	TCH ELEM 1 HU 1 5814

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
FISHER RALPH COVER 3552 SHUTER ST APT 4 5 GEFFRARD PLACE KINGSTON JAMAICA B W I	B ENG CIV 3 VI 5 7711
FISHER SHERRILL KATHERINE 459 SECOND ST ST LAMBERT QUE	B A 1 OR 1 3683
FISHER STANLEY MATTHEW 424 KENSINGTON AVE MONTREAL 28 QUE	B A 3 EL 1417
FISHMAN JACK BERT 1636 LA GOLONDRINA ALHAMBRA CALIF U S A	PH D 4
FISHMAN MARILYN 5235 COTE ST LUC ROAD APT 21 MONTREAL QUE	TCH ELEM 1
FISHMAN MORRIS 6703 CHAREST ROAD TOWN OF COTE ST LUC QUE	B SC 2 HU 9 4836
FISK GEORGE EDWARD 7030 BIRNAM AVE MONTREAL 15 QUE	B SC 1 CR 9 0665
FISKUS PAUL 4596 HUTCHISON ST APT 3 MONTREAL QUE	B ENG 2 CR 7 8109
FITAWAKE NEGUSSIE 3509 HUTCHISON ST MTL UNIVERSITY COLLEGE OF ADDIS ABABA ETHIOPIA	B C L 4 VI 5 7486
FITZGERALD DAVID JAMES 12079 RANGER ST CARTIERVILLE QUE	RI 8 9061
FITZPATRICK HARRIET JEAN 2980 KIRKFIELD AVE MONTREAL 16 QUE	B A 4 RE 7 5550
FITZPATRICK JAMES DALE MACDONALD COLLEGE VANKLEEK HILL ONT	B SC AGR 1
FLANZ KENNETH MONROE 562 GLENGARRY AVE MONTREAL QUE	B A 4 RE 8 4380
FLANZ LEONARD WALTER 4101 KENT AVE COTE DES NEIGES MONTREAL QUE	B A 2 RE 9 1457
FLEETWOOD WILSON ANTHONY MACDONALD COLLEGE THE OWLS CHARLTON HORETHORNE SHERBORNE ENGLAND	B SC AGR 1
FLEMING DAVID 581 GROSVENOR AVE WESTMOUNT QUE	B C L 1 HU 1 2100
FLEMING STEPHEN CECIL 581 GROSVENOR AVE WESTMOUNT QUE	B A 3 HU 1 2100
FLEMING THOMAS HUGH 1685 GUERTIN ST VILLE ST LAURENT 413 FIRST ST E FORT FRANCES ONT	B ENG 2 RI 7 8160
FLETCHER BARRY DAVIS 3466 MCTAVISH ST MTL KETTERIDGE AVE STRATHROY ONT	MD CM 1 AV 8 9533
FLETCHER JOHN GARDINER 5150 BESSBORO ST MTL CARDINAL ONT	B COM 2 DE 2165
FLETCHER RONALD GENE 5105 ST CATHERINE ST E APT 4 MONTREAL 4 QUE	D D S 1 CL 9 8546
FLEURANE GUILLAUME M 1519 ST MARC APT 6 MONTREAL QUE	PARTIAL WE 3 8538

NAME ADDRESS	COURSE & YEAR TEL. NO.
FLIS CASIMIR CHESTER 3431 DRUMMOND ST MTL SMOOTH ROCK FALLS ONT	B ENG CIV 4 VI 9 0243
FLOOD TRYPHENA MARGARET MACDONALD COLLEGE P O BOX 429 CLARK HILL WATERLOO QUE	B SC AGR 1
FLORAKAS MARY 1900 VAN HORNE AVE MONTREAL QUE	B COM 2 RE 7 1234
FLORAKAS NICHOLAS 918 ST LAWRENCE BLVD MONTREAL QUE	B ENG MCH 3 UN 6 8035
FLYNN ARTHUR WILLIAM 3484 PEEL ST MTL MORRISBURG ONT	B ENG CIV 5 VI 9 5354
FLYNN SHEILA MURIEL 162 CHESTER AVE MONTREAL 16 QUE	B COM 2 RE 8 5722
FOGEL RONA 4695 MAPLEWOOD AVE MONTREAL QUE	B A 1 RE 7 2953
FOGEL RUTH NANCY MARIE 3681 HUTCHISON ST APT 34 8 BRIDGEFORD ST N RICHMOND HILL ONT	M S W 2 VI 5 6632
FOGLE FRANCES LORRAINE 7 WINCHESTER AVE WESTMOUNT QUE	B A 3 HU 1 3940
FOISY ROBERT 40 GLENCOE AVE MONTREAL 8 QUE	B ENG EL 3 RE 7 5244
FOK EDMUND YAT HIM 3484 SHUTER ST APT 10 72 KENNEDY ROAD HONG KONG	B SC 3 BE 9888
FOLEY FRAN SANDRA ROYAL VICTORIA COLLEGE 1503 ANGUS DR VANCOUVER B C	B A 1 VI 9 0030
FOLKES ANTHONY PETER 4333 HARVARD AVE MONTREAL 28 QUE	B ENG 2 HU 9 3120
FOLTIN MARTIN 2 ELLERDALE RD APT 1 HAMPSTEAD 29 QUE	B COM 4 HU 1 1606
FONG CHONG JOHN ROLAND NEWMAN HOUSE 86 PELHAM ST BELMONT PORT OF SPAIN TRINIDAD B W I	D D S 2 VI 9 5354
FONG FUN LIN 1485 POIRIER ST APT 6 VILLE ST LAURENT PING PING FARM FANLING N T HONG KONG	M SC 2 RI 8 9715
FONG ROBERT 3616 PARK AVE MTL 156 8TH ST NORANDA QUE	B ENG EL 4 RE 3457
FONG ROBERT EUGENE 3506 UNIVERSITY ST MTL 13 BECKWITH ST S SMITHS FALLS ONT	B ENG EL 4 RE 0624
FONSECA DAVID 3810 MARLOWE AVE MTL 88 SOUTH MAIN ST NORTHFIELD VT U S A	M A 3 DE 4887
FOOTE DON CHARLES C O ARCTIC INST BRIDGEWATER N H U S A	M A 1
FOOTE GERALD WILLIAM MACDONALD COLLEGE CAMBRIDGE STA KINGS CO N S	B SC AGR 4

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
FORBES JUDITH MATHIESON 5374 NOTRE DAME DE GRACE MONTREAL QUE	MUS B 3 EL 7838
FORBES VIVIENNE MARY 3025 SHERBROOKE ST W MONTREAL QUE	M SC 1 WE 7 2401
FORD JOHN DANIEL 7 CANARY ROAD STRATHMORE QUE	M SC 3 ME 1 3134
FORDE JAMES JOSEPH 3685 ONTARIO AVE MONTREAL QUE	M SC 1 VI 5 8017
FOREMAN DAVID JAMES MACDONALD COLLEGE CALUMET QUE	B SC AGR 2
FOREMAN TREVOR PATRICK 3637 OXENDEN AVE MTL MANDEVILLE JAMAICA B W I	B COM 4 AV 8 0573
FOREST MICHEL HENRI J 5516 EADIE ST MONTREAL 20 QUE	M A 2 PO 7 3681
FOREST MICHEL JOSEPH ST HILAIRE STATION ROUVILLE CO QUE	B ENG 1 FO 7 3073
FORESTER HAROLD 965 BERTRAND ST VILLE ST LAURENT QUE	B ENG 1 RI 4 5324
FORGACS OTTO LLIONEL 3511 SHUTER ST APT 4 42 PARKSIDE LONDON S W 19 ENGLAND	PH D 3 BE 6538
FORRESTER MARGARET E MACDONALD COLLEGE P O BOX 9 ORMSTOWN QUE	B SC H EC 1
FORROW WILLIAM JOSEPH 7491 MOLSON AVE MONTREAL 38 QUE	B ENG CH 4 RA 7 5956
FORTE RONALD FRANK 10101 ST URBAIN ST MONTREAL QUE	B ENG CIV 4 DU 8 6370
FORTIER MASSUE LOUIS YVES 457 ARGYLE AVE WESTMOUNT QUE	B C L 3 WE 2 0137
FORTUINE ROBERT ALAN 1502 MACKAY ST APT 3 SURRY MAINE U S A	MD CM 2
FORUSZ HARRIS NEPORENT 3841 ST KEVIN APT 7 MONTREAL QUE	B ENG 1 RE 9 1446
FOSTER DEIRDRE 3537 UNIVERSITY ST MTL TOBURN PROPERTY BOX 952 KIRKLAND LAKE ONT	PHYSIOTH 3 VI 9 8447
FOSTER EDWIN ALBERT 34488 PEEL ST APT 16 MTL BOX 117 CHANDLER QUE	B A 4 BE 9619
FOSTER WILLIAM DAVID WILSON HALL 132 RUE OUELLET THETFORD MINES QUE	B ENG 1
FOULKES PHILIP BECK 520 LANSDOWNE AVE MTL 100 LISQUE ROAD ROCKCLIFFE PARK OTTAWA ONT	B ENG MET 4
FOULKES TIMOTHY JAMES 1166 LAIRD BLVD APT 21 MONTREAL 16 QUE	B ENG MCH 3 RE 3 2614
FOURNIER JOSEPH GUY ROGER 5973 LOUIS HEMON ST MONTREAL 36 QUE	B SC 1 RA 1 7787
FOURNIER MARGOT 2302 BELGRAVE AVE N D G MONTREAL QUE	M S W 1 HU 8 7995
FOURNIER PIERRE CLAUDE 756 STUART AVE OUTREMONT QUE	B C L 1 CR 6 9568
FOWLER JANETTE PAULINE R R 1 CHAMBLY ROAD MONTEE SABOURIN ST HUBERT CO CHAMBLY QUE	B A 3
FOX ABRAHAM SOLOMON 5218 PONSARD AVE MONTREAL QUE	B ENG 1 EL 5686
FOX BEVERLEY 220 FAIRMOUNT AVE W MONTREAL QUE	TCH ELEM 1
FOX GEORGE JAMES 2151 LINCOLN AVE APT 22 404 WEST 22ND AVE VANCOUVER 10 B C	B SC 2 WE 2 5481
FOX LAWRENCE GEORGE 620 PIE IX BLVD MONTREAL QUE	B ENG EL 4 LA 3 6205
FOX MARYLEA BEATRICE MACDONALD COLLEGE 50 BRIDGE ST WEST BELLEVILLE ONT	B SC H EC 3
FOX PATRICIA LEE 765 STUART AVE MONTREAL QUE	TCH ELEM 1 CR 2 4450
FOX ROBERT 592 BERWICK AVE TOWN OF MT ROYAL QUE	B ENG 2 RE 8 5024
FOX ROGER NEWTON 67 BALLANTYNE W MONTREAL WEST QUE	B COM 3 EL 9826
FOXEN IRWIN 5274 PRINCE OF WALES MONTREAL QUE	B COM 4 EL 3827
FOZO FRIGYES 2057 MCGILL COLLEGE AVE APT 6 MONTREAL QUE	B COM 3 AV 8 5909
FRACHON RENE GEORGES 2174 SHERBROOKE ST W APT X MTL ST GENIS LAVAL RHONE FRANCE	B ENG 1 WE 2 9354
FRAGATOS PETER 672 GRAHAM BLVD TOWN OF MT ROYAL QUE	B SC 1 RE 3 3111
FRAIBERG RISHA 4869 DORNAL AVE MONTREAL QUE	B A 4 RE 8 5635
FRAID DIANA 716 MCEACHRAN AVE OUTREMONT QUE	B A 1 CR 9 2804
FRAID DIANE D 4835 JEAN BRILLANT AVE MONTREAL QUE	B A 1 RE 8 6368
FRANCIS BARBARA LYNN 107 DUNRAE AVE TOWN OF MT ROYAL QUE	PHYSIOTH 4 RE 8 3472
FRANCIS LYMAN ELLWOOD 49 BALLYNTINE AVE S MONTREAL QUE	M SC 2 DE 1834
FRANCIS MARGARET LYNNE 459 STRATHCONA AVE WSMNT DESBIENS MILLS LAKE ST JOHN QUE	B SC N 1 WE 7 1957
FRANCO WINSTON ALBERT 3578 DUROCHER ST MTL 106 NILES ST POINT FORTIN TRINIDAD B W I	B SC 3

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
FRANI FRANK LOUIS 4255 DUPUIS AVE APT 19 33 1 2 DUBLIN ST OSWEGO N Y U S A	D D S 3
FRANK BARRY 750 DAVAAR AVE OUTREMONT QUE	B SC 1 CR 9 8214
FRANK MAYER 4642 PLAMONDON AVE APT 2 MONTREAL QUE	B COM 4 RE 1 2218
FRANK NICHOLAS ATTILA 3615 DUROCHER ST MONTREAL QUE	B ENG 2 BE 6977
FRANKEL HERSHIE 635 ALGONQUIN AVE TOWN OF MT ROYAL QUE	B C L 1 RE 7 9519
FRANKEL SAUL JACOB 599 WESTLUKE AVE MONTREAL 29 QUE	PH D 2 HU 1 3317
FRANKLIN BARBARA ANN C 456 PINE AVE APT 29 203 E GARFIELD AVE NEW CASTLE PENNA U S A	B N 2 VI 5 0581
FRANKLIN DAVID ROBERT 504 ROSLYN AVE WESTMOUNT QUE	B C L 2 WE 7 2676
FRANKLIN MERVYN 456 PINE AVE APT 29 MONTREAL QUE	PH D 2 VI 5 0581
FRANKLYN CONRAD EWART 3589 UNIVERSITY ST MONTREAL QUE	B A 1 BE 3810
FRAPPIER GILLES JOSEPH C 7227 12TH AVE VILLE ST MICHEL QUE	M L S 1 RA 2 5517
FRASER DAVID BRUCE 1060 DUNRAVEN ROAD TOWN OF MT ROYAL QUE	B SC 3 RE R 5572
FRASER DAVID GEORGE 850 LEDUC ST VILLE ST LAURENT QUE	B ENG 1
FRASER DOUGLAS A A 421 SANFORD AVE ST LAMBERT QUE	B ENG 1 CR 1 9754
FRASER DOUGLAS CULTON 4240 HINGSTON AVE MONTREAL QUE	M SC 1 DE 9655
FRASER DOUGLAS MACLEAN MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PARTIAL
FRASER ELSPETH ISABELLA 6567 STARNES ST MONTREAL 28 QUE	TCH INT 1 DE 9067
FRASER JEAN MCCASKILL MACDONALD COLLEGE 41 ALEXANDRA AVE BRIDGEWATER N S	B SC H EC 6
FRASER KENNETH LYNN 4375 KENSINGTON AVE MTL P O BOX 193 SHAWINIGAN FALLS QUE	B ENG 2 DE 3322
FRASER ROBERT ALEXANDER 320 ELDORADO AVE PTE CLAIRE QUE	M A 2 OX 7 2097
FREDERICK ANDREW ROBERT 7346 DENORMANVILLE ST MONTREAL QUE	B SC 3 CR 2 6170
FREEDMAN ARTHUR NEWMAN 2720 DARLINGTON PLACE MONTREAL QUE	M SC 2 RE R 8309
FREEDMAN CAROL SHIRLEY 4632 KENT AVE MONTREAL QUE	B A 4 RE R 6349
FREEDMAN DAVID AMIEL 4782 GROSVENOR AVE MONTREAL QUE	B SC 4 EL 3321
FREEDMAN HARVEY JOHN 4637 KENT AVE MONTREAL QUE	B SC 2 RE 3 6798
FREEDMAN HYMIE 271 DUFFERIN ROAD HAMPSTEAD QUE	B SC 1 HU 1 4703
FREEDMAN LAWRENCE 363 MAYOR ST APT 4 MONTREAL QUE	B C L 1 VI 9 2040
FREEDMAN LYNDA MARGOT 19 GARDEN CITY 4927 BORDEN AVE N D G MONTREAL QUE	TCH ELEM 1
FREEDMAN RICHARD ORKIN 658 MURRAY HILL MONTREAL 6 QUE	M SC 2 EL 4931
FREEDMAN SANDRA JUDITH 6185 WILDERTON CRES MONTREAL QUE	B SC 2 RE R 1622
FREEDMAN SAMUEL ORKIN 3012 BEDFORD ROAD MONTREAL QUE	MED DIPL 4 RE R 5398
FREEDMAN VIVIAN 6608 NICE ROAD COTE ST LUC MONTREAL QUE	B SC 2 DE 6002
FREEDMAN YEHUDI 4782 COTE ST CATHERINE MONTREAL QUE	B ENG 1 RE 3 6022
FREEMAN DONALD HENRY 3092 GOYER ST APT 2 MONTREAL QUE	MD CM 3 RE 7 6714
FREEMAN GEORGE CORTLAND 4890 QUEEN MARY RD APT 9 6199 ARGYLE ST VANCOUVER B C	B L S 1 RE 1530
FREEMAN GERALD BORDEN 3070 VAN HORNE AVE APT 3 MONTREAL QUE	B C L 1 RE 7 7881
FREEMAN JAMES HEDGES P O BOX 10 MACDONALD COLLEGE P O BOX 285 WILBRAHAM MASS U S A	MD CM 3
FREEMAN STANLEY 258 SHERBROOKE ST W MTL 2198 CRUGER AVE NEW YORK CITY N Y U S A	D D S 1 VI 9 0714
FREEMAN VERA MAE 1592 PINE AVE W MTL C O MRS L M SALMOND 3855 CEDAR HILL ROAD VICTORIA B C	B N 2
FREI FRANCES J 4500 POWELL AVE MONTREAL QUE	M S W 2 WE 3 8477
FREIMAN MARGO ROYAL VICTORIA COLLEGE 250 SYLVAN ROAD ROCKCLIFFE OTTAWA	B A 2 PL 0180
FRENCH MICHAEL DAVID 51 CLAUDE AVE DORVAL QUE	B ENG MCH 4 ME 1 1202
FRENKEL ODED JONADAV 4701 DORNAL AVE MONTREAL QUE	B SC 4 RE 3 0061
FREUND GERHARD 434 WEST WELLINGTON ST APT 507 CHICAGO 14 ILLINOIS U S A	M SC 2
FREY BETTY 7181 OUIMET ST MONTREAL QUE	PO R 6620

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
FRICK AKOS 7958 BIRNAM ST MONTREAL QUE	B ARCH 4 CR 4 7219
FRIED ALLAN HARVEY 5710 LEGER AVE COTE ST LUC MONTREAL QUE	B SC 2 HU R 3362
FRIEDLAND GARY ALAN 3420 PEEL ST MTL KENILWORTH ROAD RYE N Y U S A	B ENG 1 BE 7812
FRIEDMAN JEAN COHEN 2805 DARLINGTON PLACE MONTREAL QUE	B A 2 RE R 1022
FRIEDMAN MONA CLAIRE 316 DUFFERIN ROAD HAMPSTEAD QUE	B A 3 HU R 4100
FRIEDMAN NORMAN 4952 PLAMONDON AVE MONTREAL QUE	B COM 1 RE 3 5464
FRIEDMAN PHILIP 2160 VAN HORNE AVE APT 9 MONTREAL QUE	B COM 4 RE 3 4006
FRIEDMAN SEYMOUR RONALD 4640 LACOMBE AVE MONTREAL QUE	B ENG 2 RE 7 5303
FRIEDMAN SOLOMON 1125 BERNARD AVE WEST APT 6 MONTREAL QUE	B SC 3 CR 1 1024
FRISHLING DORIS 3280 GOYER ST APT 19 MONTREAL QUE	TCH ELEM 2 RE 1 4069
FRISMANIS INTA 5140 KING EDWARD AVE MONTREAL 29 QUE	B SC 1 HU 9 2923
FRITZ HOWARD MILES 601 STANSTEAD AVE MONTREAL 16 QUE	B ENG 1 RE 7 4742
FRIZZELL THOMAS FRANK 475 CRESCENT ST ST LAMBERT QUE	B SC 1 OR 1 1389
FRODYMA STANLEY HENRY 3484 DUROCHER ST MTL RR HIGH ST HOLYOKE MASS U S A	D D S 2
FROESE ARNOLD 29 PROSPECT ST WESTMOUNT 797 QUEENS AVE LONDON ONT	PH D 1 WE 2 5330
FROHBERG HERBERT JOBST 5952 31ST AVE MONTREAL 36 QUE	B SC 2 RA 7 0903
FROM PAUL C 1540 MCGREGOR ST MTL P O BOX 108 SLOATSBURG N Y U S A	D D S 4 WE 5 0627
FROSST ALAN CHESTER 111 SUMMIT CIRCLE MONTREAL 6 QUE	B ENG 2 EL 7581
FRY GAIL BEVERLEY 621 16TH AVE LACHINE QUE	B ED 4 ME 7 3268
FRYER JOHN RAYMOND 1556 ROCHON ST VILLE ST LAURENT QUE	B SC 2 RI 7 8032
FRYSHMAN BERNARD 5348 COOLBROOK AVE MONTREAL QUE	B SC 3 DE 1233
FUCHS IVAN 3557 DUROCHER ST MONTREAL QUE	B ENG 2 PL 0602
FUERST HEINRICH JULIUS R 1025 PINE AVE W MTL 2 HOUSTEINERST 4 MUNICH SS GERMANY	MED DIPL 3 PL 1251
FULCHER JESSIE MORRISON 19 CAMPBELL AVE MONTREAL WEST QUE	PHYSIOTH 1 EL 3488
FULDAUER SALOMON HENRI 3225 RIDGEWOOD AVE APT 107 MONTREAL QUE	D D S 3 RE 7 4024
FULFORD ARTHUR HUGH BOX 3000 MACDONALD COLLEGE 230 BEDFORD AVE ST LAMBERT QUE	B SC AGR 4
FULFORD MARILYN RUTH 1609 FAYOLLE AVE VERDUN QUE	TCH ELEM 1 PO R 4132
FULLERTON EDWARD FRASER 473 STRATHCONA AVE WESTMOUNT QUE	B ENG CH 4 WE 2 3595
FULTON ALBERT WILLIAM 3851 UNIVERSITY ST MTL 19 EAST PLEASANT ST AMHERST N S	B A 4 VI 5 5089
FULTON GERALDINE E 102 RUE DE LANGUEDOC PREVILLE QUE	M SC 2 OR 1 9350
FULTON LORNE LESLIE MACDONALD COLLEGE DEBERT STA N S	B SC AGR 4
FULTON WALLACE MICHAEL 575 GREEN ST ST LAMBERT QUE	B SC 3 OR 1 8982
FUNG CHING 3537 SHUTER ST APT 3 MTL 11 TIN LOK LANE HONG KONG	B ENG 2
FUNG ON YIN 3583 HUTCHISON ST MTL 172 WELLINGTON ST HONG KONG	B ENG CIV 4 BE 0860
FUNG ROBERT HING PIU 3825 DUPUIS AVE APT 19 14 SOUTH BAY ROAD HONG KONG	MD CM 2 RE R 3033
FUREDI JUDIT NOEMI 2247 MAPLEWOOD AVE APT 6 MONTREAL QUE	B SC 2 RE 1 0387
FURST HAROLD MICHAEL 481 PRINCE ARTHUR ST MTL SEIGNIORY CLUB QUE	B COM 3 AV R 7773
FYFE HARRY 5051 GROSVENOR AVE APT 2 MONTREAL QUE	MED DIPL 2 RE R 2564

G

GABELIER GERMAINE F 69 ST JACQUES ST JEAN D IBERVILLE QUE	M A 1
GABOR ERWIN PETER 1437 CHOMEDEY ST MONTREAL QUE	MD CM 3 WE 2 1754
GABRE MARIAM TESHOME 3620 DUROCHER ST MTL P O BOX 399 ADDIS ABABA ETHIOPIA	L L M 1 AV R 4678
GAETZ HAROLD PARRY 3515 DUROCHER ST APT 52 STONY CREEK CONN U S A	MD CM 4 BE 6252
GAETZ NORMAN DOUGLAS Y M C A DRUMMOND ST MTL 1686 LINCOLNSHIRE BLVD PORT CREDIT ONT	B ENG 1
GAGLIANO ANTHONY 9250 LUMSDEN ST MONTREAL QUE	MED DIPL 2 DU R 9115

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GAGNE LEONARD LEO 1000 SHERBROOKE ST W MTL 151 CYR ST WEST THETFORD MINES QUE	B ENG 2 BE 0657
GAGNON DON THOMAS 4831 SHERBROOKE ST W APT 9 MONTREAL QUE	D D S 4
GAGNON IVAN 512 CHAMPAGNEUR OUTREMONT QUE	B ENG 1 CR 9 7139
GAGNON MARC 9775 ST FIRMIN ST AHUNTSIC QUE	B C L 1 DU 9 3462
GAGNON MARK Y M C A 1441 DRUMMOND ST 2575 BLVD DU CARMEL TROIS RIVIERES QUE	B COM 1
GAGNON WILLIAM NORMAN 3453 SHUTER ST MTL APT 6 MANSARD APTS ARVIDA QUE	B C L 4 VI 5 0925
GAHERTY WILLIAM DENIS 636 SYDENHAM AVE MONTREAL 6 QUE	B ENG COM 5 DE 2402
GAILIS LAIMONIS 503 86TH AVE L ABORD A PLOUFFE QUE	B SC 1 MU 1 7788
GAL OTTO 4660 DUPUIS APT 6 MONTREAL QUE	B ENG EL 4 RE 3 8733
GALBIATI IGNAZIO V S BRICCIO VERONA ITALY	M ENG 2
GALBRAITH FRANCES E ROYAL VICTORIA COLLEGE 84 KINGSWAY CRESCENT TORONTO ONT	PHYSIOTH 4
GALBRAITH JOHN ALEXANDER 2072 ST GERMAIN BLVD MONTREAL 9 QUE	PH D 4 RI 4 5074
GALBRAITH MARY MUIR ROYAL VICTORIA HOSPITAL 5940 LADNER TRH ROAD LADNER B C	GR N CERT 1
GALIPEAULT ANDRE 823 KENILWORTH AVE TOWN OF MT ROYAL QUE	B C L 2 RE 7 0576
GALL. ROBERT JOHNSTON 3405 GRAND BLVD APT 2 MONTREAL 28 QUE	B SC 3 DE 0623
GALLAGHER THOMAS JOHN 475 PINE AVE W MTL 229 BELMONT AVE HAMILTON ONTARIO	B A 4 BE 4270
GALLAND FRANCES 3900 AVE DE REPENTIGNY MONTREAL QUE	B A 2 CL 6 3318
GALLAY HENRY MORTON 149 ST JOSEPH BLVD W MONTREAL QUE	B A 2 CR 7 2667
GALLAY PAULINE ROSE ROYAL VICTORIA COLLEGE 490 CLOVERDALE ROAD ROCKCLIFFE PARK OTTAWA 2 ONT	B A 4 PL 0526
GALLAY RALPH DOUGLAS HALL 490 CLOVERDALE ROAD ROCKCLIFFE PARK OTTAWA 2 ONT	B ENG 1
GALLAY ROLLIN LAWRENCE 149 ST JOSEPH BLVD W MONTREAL QUE	B C L 4 CR 7 2667
GALLOWAY DONALD JAMES 485 VICTORIA AVE WESTMOUNT QUE	B ENG 2 WE 2 3770
GALLOWAY JOHN HERBERT 485 VICTORIA AVE WESTMOUNT QUE	B A 2 WE 2 3770
GALUGA BOHDON DANNY 4125 COLONIAL AVE MONTREAL QUE	B ENG CIV 5 AV 8 6502
GAMACCHIO GIAMPIERO VIA SALARIA 422 ROME ITALY	L L M 2
GAMBLE KATHLEEN STEBBINS 546 MILTON ST MTL BOX 888 CHAUMONT N Y U S A	M A 1 VI 9 3443
GAMBLE RONALD WILLIAM 250 GRAHAM BLVD STRATHMORE QUE	B SC AGR 1 ME 1 0306
GAMBLE WILLARD SELDEN 546 MILTON ST MONTREAL QUE	MD CM 3 VI 9 3443
GAMEROFF MARVIN BERNARD 3295 RIDGEWOOD AVE MONTREAL QUE	B C L 3 RE 1 0289
GAMEROFF MYRNA 4910 MIRA ROAD MONTREAL QUE	B A 4 DE 3434
GAMEROFF PEARL 3295 RIDGEWOOD AVE MONTREAL QUE	B A 3 RE 1 0289
GAMEROFF SANDRA SORREL 736 WILDER AVE OUTREMONT QUE	B A 2 RE 8 1577
GAMUS ARLEEN 6342 MCLYNN AVE MONTREAL QUE	TCH ELEM 1 RE 7 4925
GANG NICHOLAS FRANK C O J A LENGYEL 6420 SHERBROOKE ST W APT 22 MONTREAL QUE	MD CM 3
GARAND LOUISE 1355 DORCHESTER ST W MTL BOX 24 SHAWINIGAN FALLS QUE	M S W 2
GARBER HARRY YOHALEM 4338 MONTROSE AVE MONTREAL QUE	B C L 4 WE 3 5882
GARBER SEYMOUR STANLEY 4249 ESPLANADE AVE MONTREAL QUE	B C L 3 RE 1297
GARCIA CARLOTTA 602 GROSVENOR AVE WESTMOUNT QUE	B A 3 HU 8 8481
GARCIA ELEONORA 602 GROSVENOR AVE WESTMOUNT QUE	B A 1 HU 8 8481
GARDINER HARRY MANDER 417 PRINCE ARTHUR ST W P O BOX 238 BROWNSBURG QUE	B ENG MCH 4 VI 0 0038
GARDINER WILLIAM LAMBERT BRITTAIN HALL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	TCH INT 1
GARDNER JOHN ROBERT 313 GROSVENOR AVE MONTREAL 6 QUE	B ED 3 WE 7 1098
GARDNER MARY RUTH ROYAL VICTORIA COLLEGE 72 SOUTH ST W AYLMER ONT	B SC P ED 4
GARDNER ROBERT CHARLES 538 MILTON ST APT 3 MTL 11522 128 ST EDMONTON ALTA	M SC 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GARELICK SANDRA TOBA 23 MAPLE AVE STE ANNE DE BELLEVUE 4452 VAN HORNE AVE MONTREAL QUE	TCH ELEM 1
GARELICK TEENA TOBA 6251 WESTBURY AVE MONTREAL 29 QUE	B A 1 RE 3 3901
GARELLEK ABRAHAM LEON 715 DE L EPEE AVE MONTREAL 8 QUE	D D S 1 CR 9 9213
GARGANO RONALD ARTHUR 2057 NOTRE DAME ST LACHINE QUE	B ENG 2 ME 7 6703
GARGULINSKI JANET WANDA 7093 7TH AVE MONTREAL 38 QUE	B SC 4 RA 2 3895
GARLAND STEPHEN TERRENCE 1469 DRUMMOND ST MTL 465 WINCHESTER AVE SUDBURY ONT	B COM 2 VI 5 0764
GARLAND VALERIE LEE 3440 SIMPSON STREET MONTREAL 25 QUE	B A 4
GARMAISE MICHAEL LYON 6040 WILDERTON AVE MONTREAL QUE	B A 2 RE 8 3605
GARNER GRAHAM DAVID 583 ALGONQUIN AVE TOWN OF MT ROYAL QUE	B A 2 RE 7 6313
GARNETT DOREEN ELIZABETH 91 CLOVERDALE AVE DORVAL QUE	TCH ELEM 1
GARRAWAY MICHAEL OLIVER MACDONALD COLLEGE CHARLOTTE VALLEY DOMINICA B W I	B SC AGR 3
GARRETT JAMES GORDON 2392 LOCKHART AVE TOWN OF MT ROYAL QUE	B ENG 2 RE 9 0209
GARRISON ROSS ALLEN 5285 WALKLEY AVE APT 304 MONTREAL 29 QUE	PH D 2 HU 9 7366
GARROLD VERLIE CHRISTINE STEWART HALL MACDONALD COLLEGE R R 2 BEAMSVILLE ONT	TCH ELEM 1
GARVEY JULIUS WINSTON 2394 SHERBROOKE ST E MTL 218 JACQUES ROAD KINGSTON JAMAICA B W I	MD CM 1 LA 2 9942
GARVIS ARTHUR 4461 ESPLANADE AVE MONTREAL QUE	B C L 2 PL 7364
GASSER HEINZ MACDONALD COLLEGE PIKE RIVER MISSISQUOI QUE	B SC AGR 3
GASTON JAMES PINCHOT 500 PINE AVE W MTL VALLEY ROAD NEW CANAAN CONN U S A	MD CM 4 AV 8 2843
GATEHOUSE BARBARA MARY G 1050 GRAHAM BLVD APT 3 TOWN OF MT ROYAL QUE	B SC 1 RE 1 2570
GATES VIRGINIA GRACE 808 UPPER LANSDOWNE AVE WESTMOUNT QUE	PHYSIOTH 5 EL 8690
GAUDET AURELE JOSEPH MACDONALD COLLEGE ST JOSEPH WEST CO N B	B SC AGR 3
GAUDREAULT RICHARD 548 SHERBROOKE ST W MTL 750 STE URSULE TROIS RIVIERES QUE	B ARCH 2
GAULT MATHEW HENRY 492 LANSDOWNE AVE WESTMOUNT QUE	MED DIPL 2
GAUM WINSTON ELLIOT DOUGLAS HALL 18 HOWE ST SYDNEY N S	B SC 1
GAUTHIER FRANCOIS 10739 GRANDE ALLEE MONTREAL QUE	B COM 2 DU 8 1410
GAUTHIER GASTON MARC 1700 SHERBROOKE ST E MTL P O BOX 11 82 ST CHRISTOPHE MATANE QUE	B ENG CIV 5 LA 1 4729
GAUTHIER HELENE GERALDA S 148 LEMOYNE BLVD LONGUEUIL QUE	PHYSIOTH 2 OR 4 8268
GAUTHIER JACQUES 1700 SHERBROOKE ST EAST APT 18 MTL P O BOX 11 82 ST CHRISTOPHER ST MATANE QUE	B ENG EL 3 LA 1 4729
GAUTHIER ROBERT GILLES 18 BALLANTYNE AVE S MONTREAL WEST QUE	B ENG 2 EL 7419
GAUZE JOSEPH 4747 CARLTON AVE MONTREAL QUE	B A 2 RE 3 4506
GAVSIE MICHAEL GREGORY 6297 MCLYNN AVE MONTREAL QUE	B ENG 1 RE 8 5350
GAVSIE PHYLLIS LEE 5087 VICTORIA AVE MONTREAL QUE	B A 2 RE 7 6360
GEBA IGOR W 895 SHERBROOKE ST LACHINE QUE	B ENG CIV 4 ME 7 7387
GEDDES NOELA SUSAN WOMENS RESIDENCE MACDONALD COLLEGE 6 PARK PLACE APT 15 WESTMOUNT QUE	TCH INT 1
GEE BERNARD 3627 CITY HALL AVE MONTREAL QUE	B ENG EL 3 PL 8329
GEE HARTLAND WARREN 5552 QUEEN MARY ROAD MONTREAL QUE	B SC 3 DE 8286
GEER RICHARD HATFIELD 1065 TRUDEAU ST LAURENT 2222 SO COOK ST DENVER 10 COL U S A	D D S 1 RI 4 0835
GEFFIN SHEILA PEGGY 5154 WESTBURY AVE MONTREAL QUE	B A 1 EL 8518
GELBART ARNOLD 403 ST JOSEPH BLVD WEST OUTREMONT QUE	B ENG 1 CR 8 4769
GELBER HERMAN 8572 BIRNAM ST MONTREAL 15 QUE	MD CM 2 CR 8 7198
GELBER JESSICA 802 UPPER LANSDOWNE AVE WESTMOUNT QUE	B L S 1 DE 4519
GELBER N NAHUM 802 UPPER LANSDOWNE AVE WESTMOUNT QUE	B C L 4 DE 4519
GELBERT ANNETTE A 3365 GOYER AVE APT 9 MONTREAL QUE	B SC 3 RE 1 1958
GELBFARB SAM WILLIAM 5229 PONSARD AVE MONTREAL QUE	M A 2 HU 9 3560

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GELDART WALTER JOSEPH DOUGLAS HALL HAVELOCK N B	B ENG COM 5 BE 3586
GELERNTER SAMSON 4861 ESPLANADE AVE MONTREAL QUE	B ENG 1 CR 9 9052
GELETY JOSEPH EUGENE 545 PINE AVE W MTL 187 50 87 ROAD JAMAICA 32 N Y U S A	MD CM 4 VI 5 7045
GELFAND BRAHM MARVIN 4423 MARCIL AVE MONTREAL QUE	B C L 1 HU 1 1485
GEMMELL THOMAS 3485 MCTAVISH ST MTL 4H VIMY AVE E CORNWALL ONT	B A 2
GENENDER LAWRENCE J 4 KELVIN AVE OUTREMONT 8 QUE	MD CM 3 RE 8 2731
GENERALI PAULA ROYAL VICTORIA COLLEGE AV BOGOTA ED SAN JOSE AP 10 LOSCAOBOS CARACAS VENEZUELA	B SC 1 VI 9 0030
GENEREUX GEORGE DOUGLAS HALL 315 POPLAR CRES SASKATOON SASK	MD CM 2
GENSER REBECCA RUTH 4800 COTE DES NEIGES RD APT 31 MONTREAL QUE	PARTIAL RE 1 0465
GENTLEMAN LORNA ISABEL R 8021 UPPER LACHINE ROAD MONTREAL WEST QUE	B ED 1
GENTLES COLIN VICTOR MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	AG AD DIP 1
GEOFFROY RENEE 1217 MOUNTAIN ST MONTREAL QUE	B A 1
GEORGE CHRIS JOHN 4910 WALKLEY AVE APT 10 MONTREAL 28 QUE	B ENG 2 HU 1 2033
GEORGE MARY AUDREY 468 MT STEPHEN AVE WESTMOUNT QUE	B A 2 WE 7 2257
GEORGIADES JOHN 4368 FULLUM ST MONTREAL QUE	B SC 1 LA 2 3435
GERARD FRANCOIS RAYMOND 268 MAY AVE VERDUN QUE	PH D 2 PO 6 6745
GERGELY PETER 4000 VENDOME AVE MTL 5882 DOLBEAU MONTREAL QUE	B ENG CIV 3 HU 9 3949
GERHARDT ALEIDA 3600 UNIVERSITY ST MTL P O BOX 199 CURACAO N A	M S W 1
GERIMA YOHANNES WOLDE 3485 HUTCHISON ST MTL ADWA ETHIOPIA	M S W 2 BE 0797
GERSHENSON MAUREEN MAPLE ST STE ANNE DE BELLEVUE 5065 PRINCE OF WALES AVE MONTREAL QUE	TCH ELEM 1
GERSOVITZ DIANA LEE 5015 GLENCAIRN ROAD MONTREAL 6 QUE	B ARCH 4 DE 5055
GERTEL MORRIS 2960 BRIGHTON AVE APT 7 MONTREAL QUE	B SC 3 RE 3 8848
GERTH SHIRLEY ERMA DORIS 607 ROSLYN AVE WESTMOUNT QUE	GR N CERT 1 EL 0902
GERTIN TEDDY 5477 HUTCHISON ST MONTREAL QUE	B ENG EL 4 CR 4 6994
GERVAIS A 1468 CRESCENT ST MONTREAL QUE	B C L 4
GERVAIS JAMES CYRIL 354 MILTON ST MTL LAPASSE ONT	B ENG 2
GERVAIS LAURENT 5465 ST JAMES W MONTREAL QUE	MED DIPL 1 HU 1 6420
GERVAY JOSEPH 3436 DUROCHER STREET APT 8 MONTREAL QUE	B SC 2 VI 5 2616
GESSER BARBARA SALLY 936 HARTLAND AVE OUTREMONT QUE	B SC 1 RE 8 2916
GEWURZ FRUMA NUNDI 636 DUNLOP AVE OUTREMONT QUE	B A 4 RE 3 9873
GEWURZ SAMUEL 636 DUNLOP AVE MONTREAL QUE	B A 1 RE 3 2993
GHANY FAROUK 1001 SHERBROOKE ST W MTL 10A HOBSON ST SAN FERNANDO TRINIDAD B W I	B SC 3 BE 0811
GHERT BERNARD IRVIN DOUGLAS HALL 2016 5TH AVE S LETHBRIDGE ALBERTA	B SC 1
GHILCIG TOBIOS 1335 DUCHARME AVE OUTREMONT QUE	B ENG 2 CR 1 4181
GIACOMELLI JULIAN FRANK WILSON HALL CAMP HILL SOUTHAMPTON EAST BERMUDA	B SC 1
GIANNAKAKIS CONSTANTINE ASCLIPIOU ST ANO GLYFADA ATHENS GREECE	B ENG EL 4
GIANNETTI ALFRED 8782 TULHURST MONTREAL QUE	B ENG 2
GIANSANTE JEAN 2042 ST ZOTIQUE ST EAST MONTREAL QUE	B ENG MET 3 RA 8 2229
GIASSON JACQUES 8403 CARDINAL ST VILLE ST LAURENT QUE	B ENG CIV 4 RI 7 3420
GIBB CARSLEY JOHN T B COMO QUE	B COM 4
GIBB MARY RUTH JANALYN 5338 MOUNTAIN SIGHTS AVE MONTREAL 29 QUE	B A 3 EL 8814
GIBBARD GEORGE WILLIAM MACDONALD COLLEGE NAPANEE ONT	B SC AGR 2
GIBBONS JANITH CAROLYN ROYAL VICTORIA COLLEGE 64 FULLER ST OTTAWA 3 ONT	B ARCH 4 PL 0477
GIBBONS VALERIE ANN 4453 EARNSCLIFFE MONTREAL QUE	PHYSIOTH 1 EL 6195
GIBBS HAROLD CUTHBERT 28 TACHE BLVD APT 301 HULL QUE	PH D 3

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GIBBS HENRY WILLIAM C 36 MONTEE DES TRENTES ST MCMASTERVILLE QUE	B SC 1
GIBSON DAVID HENRY MACDONALD COLLEGE RUPERT QUE	B SC 2
GIBSON JOHN CONRAD 505 AIRD ST MTL 5317 AGNES KANSAS CITY MISS U S A	MD CM 1
GIBSON JOHN GEORGE 4203 OXFORD AVE MONTREAL QUE	B COM 1 DE 6492
GIGANTES TERRY 3424 PEEL ST APT 22 MONTREAL QUE	M A 1 VI 9 7464
GIGUERE JOSEPH CHARLES A C O W C J H GIGUERE R C A F STN ST JEAN QUE	B ENG PHY 3
GILAAD YIGAL 5400 DECELLES AVE APT 15 MONTREAL QUE	B ENG CH 4 RE 1 2516
GILBERT CHRISTOPHER JOHN 3482 MCTAVISH ST MONTREAL QUE	B A 2 PL 1674
GILBERT JAMES WILLIAM 3519 LORNE AVE MTL 222 18TH AVE ST EUSTACHE SUR LE LAC QUE	B ENG MI 3 AV R 5391
GILBERT JOSEPH JERRY 5169 JEANNE MANCE ST APT 3 MONTREAL QUE	B SC 1 CR 2 7862
GILBERT LOIS BEATRICE R R 2 SAWYERVILLE QUE	TCH ELEM 1
GILBERT MAURICE CHARLES 300 SHERBROOKE ST W MTL 460 TESSIER ST LA TUQUE QUE	D D S 3 AV R 6017
GILCHRIST DONALD WILMOTT 3508 UNIVERSITY ST MTL 1225 HERON ROAD OTTAWA ONT	D D S 2 VI 5 4873
GILCHRIST JOAN MURIEL 1592 PINE AVE W APT 61 95 GLENFOREST ROAD TORONTO 12 ONT	B N 2
GILDAY DAVID 181 GLENCOE AVE TOWN OF MT ROYAL QUE	B ENG 1 RE R 5413
GILFILLAN JOHN DOHERTY 317 MORRISON AVE TOWN OF MT ROYAL QUE	B ENG 1 RE 7 9263
GILL BRENTON MACGREGOR 1566 PINE AVE WEST MTL P O BOX 113 ST VINCENT B W I	B ENG MCH 3 WI 3337
GILL LOUIS JOSEPH 31 NELSON OUTREMONT QUE	B ENG 2 CR 1 5534
GILL MARGARET ANNA REAY ROYAL VICTORIA COLLEGE 2710 TUDOR ROAD VICTORIA B C	B SC 3 PL 0180
GILL PETER 1195 DURTISAC VILLE ST LAURENT QUE	RI 7 6114
GILLAIN PIERRE RENE C E 5682 CHABOT AVE MONTREAL QUE	B SC 3 CR 1 2181
GILLESPIE BARBARA JANE MACDONALD COLLEGE 4440 MONTCLAIR AVE MONTREAL 28 QUE	TCH INT 1
GILLESPIE THOMAS STUART 630 CLARKE AVE WESTMOUNT QUE	B A 3 WE 2 7633
GILLHAM JOHN KINSEY 3609 UNIVERSITY ST MTL 45 THICKET ROAD SUTTON SURREY ENGLAND	PH D 4 AV R 6307
GILLIES ALBERT JOSEPH 336 MANNING AVE VERDUN QUE	B ENG COM 5 PO R 3876
GILLINGHAM ASHTON 5800 BOILEAU ST MONTREAL 5 QUE	EDUCATION 1 CL 5 3106
GILLIS JAMES BERTRAND MACDONALD COLLEGE BARRACHOIS HARBOUR CAPE BRETON CO N S	B SC AGR 3
GILLMAN BARBARA ANN ROYAL VICTORIA COLLEGE 401 LEMESURIER AVE QUEBEC CITY QUE	B A 1 PL 0597
GILMER JOHN BRIAN 1701 GRAHAM BLVD APT 2 TOWN OF MT ROYAL QUE	B SC 1 RE R 7396
GILMORE GORDON HERBERT 513 COTE ST ANTOINE ROAD WESTMOUNT QUE	B ENG CH 3 EL R745
GILMOUR MARY FRANCES 362 KENSINGTON AVE WESTMOUNT QUE	EDUCATION 1 WE 2 1982
GILMOUR SUSAN ELLEN 362 KENSINGTON AVE WESTMOUNT QUE	PHYSIOTH 1 WE 2 1982
GILROY ROBERT GRAHAM 2R ST GEORGES STE ANNE DE BELLEVUE QUE 44 VICTORIA ST TRURO N S	B SC AGR 4
GINDIN SONIA 4833 MACKENZIE ST MONTREAL 26 QUE	TCH ELEM 1 RE 3 9734
GINSBERG EDNA 2955 BEDFORD ROAD APT 2 MONTREAL 26 QUE	MUS E 2 RE 3 6648
GIRIUNAS VITALIA 1557 DE SEVE ST MONTREAL 20 QUE	D D S 3 PO R 4721
GITELMAN MORRIS 4635 ST KEVIN APT 1 MONTREAL QUE	B ARCH 2
GITLITZ MELVIN HYMAN 5354 CASGRAIN ST MONTREAL 14 QUE	B SC 1 CR 2 7060
GIVNER MORRY LINCOLN 4534 CLARKE ST MONTREAL QUE	PH D 3 AV R 0990
GLASHAN ROBERT WILLIAM B 585 MITCHELL AVE TOWN OF MT ROYAL QUE	B ENG 1 RE R 3076
GLASSMAN HARRY 5450 DUROCHER ST MONTREAL QUE	B ARCH 5 CR 7 1842
GLASSMAN VERA EDITH 4857 LACOMBE AVE MONTREAL QUE	B A 4 RE R 4087
GLAUDEMANS CORNELIS P J AMERICAN VISCOSE CORP MARCUS HOOK PENN U S A	PH D 4
GLAZER ELAINE 876 DOLLARD AVE OUTREMONT QUE	TCH INT 2 CR 1 5751
GLAZER GABRIEL 5850 SQUART ST APT 14 MONTREAL QUE	B C L 3 RE 7 9695

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GLEED KEITH WILLIAM 3473 UNIVERSITY ST MTL 2 7 BALSAM AVE TORONTO 8 ONT	
GLEESON CHRISTOPHER F 920 JARRY ST W APT 14 MONTREAL 15 QUE	PH D 3 CR 2 2212
GLEN CATHERINE ELIZABETH 405 CRESCENT ST ST LAMBERT QUE	B A 1 OR 1 7346
GLENNIE GORDON DAVID 20 ARLINGTON AVE WESTMOUNT QUE	MED DIPL 3 WE 3 6982
GLICK HARRY 4563 CLARKE ST MONTREAL QUE	B SC 4 PL 5641
GLICK HYMAN 4563 CLARK ST MONTREAL QUE	A & S COM 1 PL 5641
GLICKMAN STEPHEN E 3621 OXENDEN AVE APT 4 3256 BEDFORD AVE BKLYN 10 NEW YORK U S A	PH D 3
GLOBUS MORTON 6395 MOUNTAIN SIGHTS AVE MONTREAL QUE	B SC 2 RE 7 8163
GLORIEUX FRANCIS 3192 WESTMOUNT BLVD WESTMOUNT QUE	B ENG 2 WE 2 5935
GLOUBERMAN SEYMOUR 1915 BARCLAY AVE MONTREAL QUE	B SC 1 RE 7 5530
GLOUTNEY PETER ROBERT L J 1986 MASSON ST MONTREAL 36 QUE	B SC 1 LA 5 7839
GLOVER CATHERINE ANNE 34 HEATH ROAD HAMPSTEAD QUE	PARTIAL DE 5784
GNAEDINGER NANCY GAIL 56 THORNHILL AVE WESTMOUNT QUE	B A 3 WE 3 5663
GOBA VIESTURS 4802 LACOMBE AVE MONTREAL QUE	B ENG CIV 5 RE 8 4226
GODARD JOHN DENNY 15 BROCK AVE S MONTREAL WEST QUE	PH D 4 DE 7281
GODDARD OSWALD THEOPHILUS 526 MILTON ST MTL 60 GLOSTER LODGE ROAD BELMONT P O S TRINIDAD B W I	B SC 3 PL 4778
GODE RICHARD OLIVER 429 PRINCE ARTHUR ST W APT 15 MTL BURNT HILLS NEW YORK U S A	MD CM 2 VI 5 7798
GODEL SYDNEY LIONEL 712 ROCKLAND AVE OUTREMONT QUE	B ARCH 5 CR 2 5505
GODFREY MARVIN JULIAN 1030 BALL AVE APT 3 MONTREAL QUE	B A 2 CR 1 5986
GODFREY MICHAEL EDWARD 3855 PLAMONDON AVE APT 11 MONTREAL QUE	B A 2 RE 3 6883
GOLBA HENRY EDWARD 3548 DANDURAND ST MONTREAL QUE	B ARCH 4 RA 2 1574
GOLD DANIE LYON 41 OAKLAND AVE MONTREAL QUE	B COM 3 HU 2 9138
GOLD DAVID PERCY DEPT GEOLOGICAL SCIENCES MCGILL UNIVERSITY 1000 MC GREGOR ST APT 302 MONTREAL QUE	PH D 2
GOLD LAURAINE HARRIET 5318 SNOWDON ST APT 44 MONTREAL QUE	B SC 1 DE 6496
GOLD MICHAEL RICHARD 4752 CIRCLE ROAD MONTREAL QUE	B COM 1 HU 1 9139
GOLD PHIL 2110 BEDFORD ROAD MONTREAL QUE	MD CM 1 RE 3 4133
GOLD ROBERT DONALD 5115 MAYFAIR AVE MONTREAL QUE	M A 1 DE 7074
GOLD SALLY RUTH 1301 ST VIATEUR ST OUTREMONT QUE	M S W 1 CR 4 4178
GOLD SHEILA 1882 NORWAY ROAD TOWN OF MT ROYAL QUE	B A 1 RE 3 3643
GOLD SUSAN LYNNE 4946 IONA AVE MONTREAL QUE	B A 1 RE 8 5278
GOLDBERG BARBARA 1555 SUMMERHILL AVE APT 208 MONTREAL QUE	M A 1 WE 2 1252
GOLDBERG ELAINE SANFT 4980 CLANRANALD AVE N D G MONTREAL 16 QUE	B L S 1 HU 8 7846
GOLDBERG HYMAN 4634 HUTCHISON ST MONTREAL QUE	B SC 3 CR 4 8886
GOLDBERG JACK SOLOMON 5372 PRINCE OF WALES AVE MONTREAL QUE	B A 2 HU 8 5488
GOLDBERG JUNE YOLANDA 4553 CIRCLE ROAD MONTREAL QUE	B A 2 EL 3301
GOLDBERG NORMAN JOEL 1555 SUMMERHILL AVE APT 208 MONTREAL QUE	MD CM 3 WE 2 1252
GOLDBERG SELMA 3735 CARLTON AVE MONTREAL QUE	TCH ELEM 1 RE 7 2363
GOLDBERG URI 6210 DEACON ROAD APT 148 MONTREAL QUE	B ENG 1 RE 3 0583
GOLDBLOOM ROCHELLE 3643 UNIVERSITY ST MONTREAL QUE	B A 3 BE 4264
GOLDEN ANN FRANCES 4560 MAYFAIR AVE N D G MONTREAL QUE	L MUS 3 EL 1698
GOLDENBERG BRENDA CAROLE 5 RIVERMEAD STE ANNE DE BELLEVUE 5842 MCSHANE AVE MONTREAL QUE	TCH ELEM 1
GOLDENBERG LINDA RUTH 5 RIVERMEAD STE ANNE DE BELLEVUE 5842 MCSHANE AVE MONTREAL QUE	TCH ELEM 1
GOLDENBERG MARVIN HENRY 5337 CUMBERLAND ST N D G MONTREAL QUE	MD CM 1 HU 8 3233
GOLDENBLATT DAVID 6825 SOMERLED AVE MONTREAL 29 QUE	B A 1 EL 4227
GOLDENBLATT ELEANOR 6825 SOMERLED AVE MONTREAL 29 QUE	B COM 4 EL 4227

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
GOLDFIELD ETHEL 1315 VAN HORNE AVE APT 1 MONTREAL QUE	CR 6 5150	B C L 1
GOLDMAN HERBERT BERNARD 4640 PLAMONDON APT 12 MONTREAL QUE	RE 1 4663	M ENG 1
GOLDMAN LEWIS HAYS 3459 DRUMMOND ST MTL 1000 PARK AVE NEW YORK 28 N Y U S A	VI 9 6747	B A 1
GOLDRICH ABRAHAM ISAAC 4016 CITY HALL AVE MONTREAL QUE	VL 9 1881	M A 1
GOLDSCHLEGER ROBERT M 768 UPPER BELMONT AVE MONTREAL QUE	HU 1 4839	B A 1
GOLDSCHLEGER STEPHEN S 768 UPPER BELMONT AVE MONTREAL QUE	HU 1 4839	B A 3
GOLDSTEIN EDITH 1588 BERNARD AVE W MONTREAL QUE	CR 9 6601	B A 4
GOLDSTEIN MARC BEREL 5852 SOMERLED AVE MONTREAL QUE	EL 0587	B SC 3
GOLDSTEIN MARILYN 46A PERRAULT AVE 5961 TERREBONNE AVE N D G MONTREAL QUE	TCH INT	2
GOLDSTEIN MARTIN A 488 BLOOMFIELD MONTREAL QUE	CR 7 7038	B ENG 2
GOLDSTEIN MORTEN EDWARD 1216 LAJOIE AVE MONTREAL QUE	CR 7 7063	B ENG 1
GOLDSTEIN NORMAN PHILLIP 707 VICTORIA AVE WESTMOUNT QUE	EL 5877	B SC 1
GOLDSTEIN RICHARD M 3431 DRUMMOND ST MTL QUE 26 RADNOR ROAD BOSTON MASS U S A	MA 0243	B A 4
GOLDSTEIN ROSLYN ROYAL VICTORIA COLLEGE 104 LEINSTER ST SAINT JOHN N B	PL 0526	B A 4
GOLDSTEIN STANLEY EDWARD 2530 VAN HORNE AVE APT 2 MONTREAL QUE	CR 7 7038	MD CM 2
GOLDSTEIN YOINE JONAH 1923 CLINTON AVE MONTREAL QUE	RE 1 3194	B C L 3
GOLDWATER ROSALIE 279 SHERATON DRIVE MONTREAL WEST QUE	DE 1668	B A 4
GOLDWATER RUTH 196 TOURANGEAU PONT VIAU QUE	MO 4 6812	B A 4
GOLDWATER SAM 196 TOURANGEAU PONT VIAU QUE	MO 4 6812	B A 4
GOLDWATER SYDNEY GEOFFREY 1560 BERNARD AVE W OUTREMONT QUE	CR 2 9395	B SC 1
GOLIGHTLY JOHN PAUL 960 44TH AVE LACHINE QUE	ME 7 1668	B SC 1
GOLLAN MARILYN JOYCE 20709 LAKESHORE ROAD STE ANNE DE BELLEVUE 765 SECOND AVE VERDUN QUE	TCH ELEM	1
GOLLOB SANDRA 5626 ELDRIDGE AVE COTE ST LUC QUE	DE 3097	B A 1
GOLOFF SIDNEY 4865 CARLTON AVE MONTREAL QUE	RE 1 1226	B ENG MCH 4
GOLPHIN BERNARD JOHN 5257 QUEEN MARY ROAD APT 23 MTL BOX 515 BROWNSBURG QUE	HU 1 1184	B ENG MET 4
GOMBOLAY FERENC JOSEPH MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE		B SC AGR 2
GOMEZ CASTRO ALEJANDRO 3429 PEEL ST MTL CALLE 67 NO 15 71 BOGOTA COLOMBIA	PL 7385	B COM 4
GONDER ELEANOR ANNE 3480 ONTARIO AVE MTL 1112 MAIN ST MONCTON N B	PL 0044	M SC 1
GONIN STANLEY RICHARD G 23 WINCHESTER AVE WESTMOUNT QUE		B COM 3
GOOCH DIANA JUDITH 336 LETHBRIDGE AVE TOWN OF MT ROYAL QUE	RE 1 3719	B SC 1
GOOD PAULA JEAN ROYAL VICTORIA COLLEGE PIGEON HILL LILLEY BOTTOM BEDS ENGLAND	PL 0495	B SC 2
GOODALE MARGARET E STEWART HALL MACDONALD COLLEGE 631 FORTUNE ST MONTREAL 2 QUE		TCH INT 2
GOODALL ROBERT GRAYDON W 2 UPPER PARK DRIVE LONDON ENGLAND 4105 COTE DES NEIGES RD APT 12 MONTREAL QUE		MED DIPL 4
GOODBY HOWARD JOHN MACDONALD COLLEGE 804 PAPINEAU MCMASTERVILLE QUE		AGR DIP 2
GOODFELLOW JOAN MARGARET MACDONALD COLLEGE VALCARTIER VILLAGE QUE		B SC H EC 4
GOODFRIEND LAWRENCE 6515 LAVOIE APT 6 MONTREAL QUE	RE 1 1300	M SC 1
GOODINGS ALLEN 3473 UNIVERSITY ST MTL 110 RISEDALE ROAD BARROW IN FURNESS LANCASHIRE ENGLAND	VI 9 4092	B D 2
GOODIS STEPHEN ALLEN 4896 LACOMBE AVE MONTREAL QUE	RE 1 3243	B SC 1
GOODMAN MAXWELL WILLIAMS 3451 SHUTER ST MTL 354 CRESTON ROAD YORK PA U S A	PL 0328	MD CM 4
GOODMAN MYRNA 19 GARDEN CITY 5897 WESTBURY AVE MONTREAL QUE		TCH ELEM 1
GOODMAN STANLEY IRWIN 5612 RANDALL AVE COTE ST LUC QUE	EL 4011	B A 3
GOODMAN STEPHEN IRWIN 5262 WESTBURY AVE MONTREAL 29 QUE		B SC 3
GOODWIN DONALD KENNETH 2030 UNIVERSITY ST MTL 389 ENFIELD ROAD OTTAWA 2 ONT		B ENG MCH 5

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GOODWIN HAZEL LOUISE 257 MILTON ST MTL 64 OAK ROAD NORWOOD MASS U S A	MD CM 1
GOODZ MURRAY 5985 MACDONALD AVE MTL STE SOPHIE DE LA CORNE QUEBEC	B ENG 1 RE 7 H808
GORDON ALAN BERNARD 495 PRINCE ARTHUR ST APT 9 MTL 453 PARK AVE RYE N Y U S A	B SC 1 PL 3537
GORDON BRUCE ALEXANDER 54 ST SULPICE ROAD MONTREAL QUE	B COM 4 WE 5 H763
GORDON BRYNA 5553 ROSEDALE AVE COTE ST LUC QUE	B A 2 HU H 7364
GORDON DERRICK DESMOND DOUGLAS HALL HIGHGATE ST MARY JAMAICA B W I	B ENG 2
GORDON HAROLD PHILLIP 4202 MACKENZIE AVE MONTREAL QUE	B COM 4 RE H 1229
GORDON HEATHER JANE ROYAL VICTORIA COLLEGE 566 GILMOUR ST PETERBOROUGH ONT	B A 1
GORDON JULIUS 2040 CITY COUNCILLORS APT 5 MONTREAL QUE	PH D 3 BE 3557
GORDON LOUIS 7920 QUERBES OUTREMONT QUE	B ENG CH 5 CR 4 1580
GORDON RODERICK JOHN 4110 HARVARD AVE N D G MONTREAL QUE	B ENG EL 4
GORDY RAYMOND ALEXANDER 495 MONMOUTH AVE TOWN OF MT ROYAL QUE	B SC 1 RE 3 3657
GORE GORDON ROSS 250 56TH AVE DIXIE LACHINE 821 BLUNDELL ROAD RICHMOND VANCOUVER B C	B SC 4 ME 7 4775
GOREN TERRYE 23 MAPLE AVE STE ANNE DE BELLEVUE 1624 DUCHARME AVE OUTREMONT QUE	TCH ELEM 1
GORING NEIL LYNCH 2015 MCGILL COLLEGE AVE 308 MURRAY ST GEORGETOWN BR GUIANA	PARTIAL PL 0232
GORMAN DAVID PHILIP 2860 DARLINGTON PL APT 3 FT COVINGTON N Y U S A	MD CM 1
GORNITSKY GERALD HARVEY 234 TRENTON AVE TOWN OF MT ROYAL QUE	B C L 1 RE 7 1523
GOSSACK HAROLD 5742 NORTHMOUNT AVE MONTREAL QUE	B C L 4 RE 9 1255
GOSSELIN COLETTE LORRAINE ROYAL VICTORIA COLLEGE 576 DES OBLATS AVE QUEBEC CITY QUE	B ED 3
GOTLIEB RUTH DORIS 2615 SOISSONS ST MONTREAL QUE	B A 2 RE 3 2825
GOTTESMAN DANIEL 4350 ST KEVIN AVE APT 11 MONTREAL 26 QUE	B ENG EL 3
GOTTLIEB ERICA 4985 COTE ST LUC RD APT 5 MONTREAL QUE	B A 1 HU H 5641
GOTTLIEB MELVIN DAVID 4681 DE LA PELTRIE ST MONTREAL QUE	B A 1 RE H 1315
GOTTLIEB RICHARD SAUL 4681 DE LA PELTRIE ST MONTREAL QUE	B A 4 RE H 1315
GOUCHER ROBERT BENJAMIN MILL ASH FARM WHITWELL NR WORKSOP NOTTS ENGLAND	B ENG MI 5
GOUDREAU JACQUES JOSEPH 3493 SHUTER ST APT 4 MTL DUBUISSON ABITIBI QUE	B ENG MET 5
GOUGEON GUY RENE JOSEPH 3601 ROUEN MONTREAL QUE	B ENG 1 LA 1 5523
GOUGEON THORNTON JAMES 1455 DRUMMOND ST APT 618 390 LAURA AVE SUDBURY ONT	B SC 1 AV H 0744
GOUGH WENDALL H 3240 BEDFORD ROAD MONTREAL QUE	B ENG 2 RE 3 5217
GOUIN WILLIAM MICHEL 4447 KENT AVE COTES DES NEIGES MONTREAL QUE	B COM 2 RE H 1955
GOULD AVRUM 4524 HINGSTON AVE MONTREAL QUE	PARTIAL HU 1 2325
GOULD BERTIE 5835 DECELLES PLACE MONTREAL QUE	B ENG MCH 3 RE 3 9165
GOULD DAVID HARDING 4818 VICTORIA AVE MONTREAL QUE	MD CM 4 EL 0664
GOULD LYON MARK 516 ARGYLE AVE WESTMOUNT QUE	B A 1
GOULET PAUL EDOUARD 4740 MACMAHON AVE MONTREAL QUE	B ENG COM 5 HU H 4953
GOULET REMI 5081 16TH AVE MONTREAL 36 QUE	B COM 3 RA 7 7911
GOULETTE RICHARD RALPH 3565 COTE DES NEIGES RD APT 8 MTL 1250 WILLIAM AVE SILLERY QUE	B ENG COM 5 WE 5 3430
GOUVERNEUR HECTOR MORRIS 1181 MOUNTAIN ST MTL AVE BLANDIN 14 LA CASTELLANA CARACAS VENEZUELA	B ENG CIV 3 UN 6 0630
GOVIER WILLIAM CHARLES 418 PINE AVE W APT 37 47 COBB ROAD MOUNTAIN LAKES NEW JERSEY U S A	MD CM 1 VI 5 6688
GOWING CAROL ANNE E STEWART HALL MACDONALD COLLEGE 405 GREENOCK AVE TOWN OF MT ROYAL QUE	B SC P ED 1
GOWING DAVID TREVOR 405 GREENOCH AVE TOWN OF MT ROYAL QUE	B COM 3 RE H 4921
GOYETTE ALBERT 133 CAROLINE LONGUEUIL QUE	B ENG 1 OR 4 6612

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GRAD GEORGE 73 LACHARITE ST VILLE LASALLE QUE	B SC 3 PO 7 6310
GRADINGER CHARLES HYMAN 5280 PONSARD AVE MONTREAL QUE	MD CM 1 HU 8 2085
GRADINGER HARVEY 5280 PONSARD AVE MONTREAL QUE	B SC 1 HU 8 2085
GRAGG DONALD MERLE 2375 WALKLEY AVE APT 5 RT 1 MONROE OREGON U S A	MD CM 4 HU 9 7618
GRAHAM JOHN MACGREGOR MACDONALD COLLEGE 1301 CALEDONIA ROAD TOWN OF MT ROYAL QUE	B SC AGR 2
GRAHAM JOHN WALLACE 545 PINE AVE W MTL 50 BALTUSROL WAY SHORT HILLS N J U S A	MD CM 2 VI 9 1545
GRAHAM LINDSAY ALEXANDER 5425 BESBOROUGH AVE MONTREAL QUE	MED DIPL 2 HU 1 0461
GRAHAM MARGARET ANNE ROYAL VICTORIA COLLEGE	B COM 2 PL 0571
GRAHAM MARK 339 OLIVIER AVE WESTMOUNT QUE	B SC 1 WE 2 4840
GRAHAM WILLIAM WESTON BOX 3000 MACDONALD COLLEGE STE ANASTASIE QUE	B SC AGR 4
GRAIF IRVING 5488 AVONMORE AVE APT 201 MONTREAL QUE	B ENG MCH 4 EL 8100
GRAIF LINDA 5488 AVONMORE AVE APT 201 MONTREAL QUE	B A 2 EL 8100
GRANDGUILLOT ROGER G 72 UPPER EDISON ST LAMBERT QUE	B ENG EL 3 OR 1 2529
GRANT ALAN MCNABB 140 CHESTER AVE MONTREAL 16 QUE	B ENG 1 RE 7 3785
GRANT DIANE ALISON 3565 COTE DES NEIGES APT 5 MONTREAL QUE	B SC 3
GRANT GEORGE ROBERT 3215 ELLENDALE AVE APT 8 MONTREAL QUE	PH D 2 RE 3 2548
GRANT JAMES ANDREWS 241 FIRST ST ST LAMBERT QUE	B A 4 OR 1 7388
GRANT JANET PAULETTE ROYAL VICTORIA COLLEGE HARRINGTON SOUND BERMUDA	B SC 3 PL 0327
GRANT JOHN DAVID 1559 MACGREGOR ST MTL P O KIAMBU KENYA EAST AFRICA	B COM 1
GRANT JOHN MACGREGOR DOUGLAS HALL 407 MINTO PLACE ROCKCLIFFE PARK OTTAWA ONT	B SC 2
GRANT SALLIE ANNE C O MRS A BOLTE 3455 STALY AVE MTL 930 ECHO DRIVE OTTAWA ONT	GR N CERT 1 PL 7416
GRANT SUTTIE GEORGE PHILI MACDONALD COLLEGE ST ANDREWS N B	PARTIAL
GRAUER HARRY MTL GENERAL HOSP 569 CHEAPSIDE ST LONDON ONT	MED DIPL 3 WE 5 6011
GRAVELLE GEORGE ANDRE 4844A DE LA ROCHE ST MONTREAL 34 QUE	B ENG CIV 3 LA 5 9724
GRAVELLE LUCIEN HENRI MACDONALD COLLEGE 161 BIRCH ST S TIMMINS ONT	B SC P ED 2
GRAVINO NICOLA ROSARIO 8905 ST DENIS ST MONTREAL QUE	B ENG 1 DU 8 3464
GRAY MARILYN LYTH MACDONALD COLLEGE 71 GLENRIDGE AVE ST CATHARINES ONT	B SC H EC 1
GRAY NICHOLAS ALEXANDER B ZETA PSI FRATERNITY BANCO DE LONDRES SANTIAGO CHILE SOUTH AMERICA	B COM 3 VI 9 1736
GRAY ROSEMARY HILDA 14 BROWN ST STE ANNE DE BELLEVUE 3790 BENNY AVE MONTREAL 28 QUE	TCH ELEM 1
GRAY THOMAS HUGH 67 SIMCOE AVE TOWN OF MT ROYAL QUE	B ENG CH 3 RE 8 8122
GRAY DONALD DONALD A 128 ARLINGTON AVE WESTMOUNT QUE	B COM 2 WE 7 1439
GRAYSTON GEORGE HOLLIS 1461 MOUNTAIN ST APT 5 MAZARINE N SHORE PEMB W BERMUDA	B ARCH 6 WE 5 4323
GRAZYS ALGIS ALEXANDER J 3910 ST ZOTIQUE E MONTREAL QUE	B COM 1 RA 1 6005
GRECIANO ANTHONY DIMITRIE 3051 CEDAR AVE MONTREAL QUE	B ENG PWR 5 WE 2 8050
GREEN LEONA LOUISA 4950 CUMBERLAND AVE MONTREAL 29 QUE	PHYSIOTH 1 HU 8 3398
GREEN LORNA ROYAL VICTORIA COLLEGE 6500 MILLWOOD ROAD KENWOOD PARK BETHESDA 14 U S A	B SC 2 PL 0180
GREEN MATTHEW RONALD 4921 COOLBROOK AVE MONTREAL 29 QUE	B ENG 2
GREEN MICHAEL JOHN 640 DAWSON AVE TOWN OF MT ROYAL QUE	B ENG 2 RE 3 5707
GREEN MIRIAM MOLLY 2420 PATON AVE VILLE ST LAURENT QUE	B A 4 RI 8 8582
GREEN PETER WILLIAM 854 CARDINAL VILLE ST LAURENT MACASSA MINE KIRKLAND LAKE ONT	M SC 1 RI 7 1637
GREEN ROBERT NELSON LACHINE GENERAL HOSPITAL BOX 369 FORT FRANCES ONT	MD CM 4 ME 7 1161
GREEN RONA 90 ST CATHERINE ROAD MONTREAL QUE	B A 4 CR 2 7758
GREENBAUM MORRIS 5706 TRANS ISLAND AVE MONTREAL QUE	B ARCH 6 RE 8 5591

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GREENBERG AARON ARNOLD 4587 HARVARD AVE N D G MONTREAL QUE	EDUCATION 1 DE 1339
GREENBERG ELAINE 5882 HUDSON ROAD MONTREAL QUE	B A 4 RE 3 1410
GREENBERG HARRIET 2445 MANTHA ST VILLE ST LAURENT QUE	B SC 1 RI 4 6037
GREENBERG JANICE DOROTHY 19 ABERDEEN AVE MONTREAL QUE	B A 1 WE 3 4867
GREENBERG PHILIP 19 ABERDEEN AVE WESTMOUNT QUE	B COM 3 WE 3 4867
GREENBERG SYDNEY 2535 GOYER ST MONTREAL QUE	B ENG 2 RE 7 3371
GREENBURY ROBERT ALLAN 118 WICKSTEED AVE MONTREAL 16 QUE	B ENG CIV 3 RE 7 3063
GREENHOUGH ARTHUR ABRAHAM 5438 5TH AVE MONTREAL 36 QUE	PARTIAL RA 1 3072
GREENSPAN ZELDA KAY 798 CHAMPAGNEUR AVE OUTREMONT QUE	B A 3 CR 2 5601
GREENSPON HAROLD SHELDON 6300 LENNOX AVE MONTREAL QUE	B COM 4 RE R 9879
GREENWALD HERBERT 4955 BOURRET AVE MONTREAL QUE	D D S 2 RE 7 5508
GREGORY HUGH DAVID JAMES PRESBYTERIAN COLLEGE 33 PARK AVE LENNOXVILLE QUE	B C L 4
GREIG ALAN WILLIAM 4814 VICTORIA AVE MONTREAL QUE	B ENG 2 HU 9 4480
GREIG COLIN LANCTON 455 ROSSLYN AVE MTL 3656 DUROCHER ST APT 2 MONTREAL QUE	B A 1 WE 7 1418
GREKIN REBECCA RUTH 5602 CANTERBURY AVE MONTREAL QUE	TCH ELEM 1 RE R 3238
GRIECO ORLANDO 254 SHERBROOKE ST W MTL 621 RIDLEY AVE CORNWALL ONT	B ENG CH 5 AV R 6789
GRIEF HARRY ARNOLD 867 DOLLARD AVE MONTREAL QUE	B ENG 1 CR 9 2010
GRIEF HOWARD 854 WISEMAN AVE OUTREMONT QUE	B SC 1 CR 1 5524
GRIERSON BRUCE JOHN DOUGLAS HALL BOWMORE FARM HAWRIDGE CHESHAM BUCKS ENGLAND	B ENG 2
GRIEVE CHARLOTTE I B 4035 HARVARD AVE MONTREAL 28 QUE	PHYSIOTH 1 HU 1 4438
GRIFFIN IAN ST JOHN GIRLS COTTAGE SCHOOL ST BRUNO QUE	B ENG EL 4
GRIFFIN JANE LEE FARRER ROYAL VICTORIA COLLEGE 45 LARCH ST HALIFAX N S	B A 3 VI 9 0858
GRIFFITH GALE MARILYN STEWART HALL MACDONALD COLLEGE 651 QUEBEC ST SHERBROOKE QUE	TCH ELEM 1
GRIFFITHS HARRY WILLIAM DOUGLAS HALL 208 ROSEMARY ROAD TORONTO 10 ONT	B ENG CIV 3
GRIFFITHS JAMES EDWARD 6490 COTE ST LUC ROAD APT 10 MTL 219 POPLAR AVE WINNIPEG 5 MAN	PH D 3 HU 1 3321
GRIFFITHS KENNETH 743 ARGYLE AVE VERDUN QUE	B ENG 2 PO 7 0611
GRIFFITHS PATRICIA MARIAN 165 SUNNYSIDE AVE MONTREAL 33 QUE	B A 1 OX 5 5318
GRIGGS SUSAN FOOTE ROYAL VICTORIA COLLEGE 26 TROWBRIDGE ST WATERBURY CONN U S A	B A 4 VI 9 0120
GRILL CLAIRE ROSE 51 PERRAULT STE ANNE DE BELLEVUE 8590 WISEMAN AVE MONTREAL QUE	TCH ELEM 1
GRIMARD JOSEPH MICHEL 1240 ST JOSEPH BLVD APT 4 MONTREAL QUE	B SC 1
GRIMM GAIL PATRICIA ROYAL VICTORIA COLLEGE 33 LAUREL DRIVE SPRINGFIELD NEW JERSEY U S A	B SC 4 PL 0810
GRIMSON COLIN DONALD 4043 MARLOWE AVE MONTREAL QUE	B A 4 DE 5605
GRIMSTEAD MARGARET GAIL 114 MORRISON AVE MONTREAL 16 QUE	MUS B 2 RE 3 2754
GRISARU ANN 3330 VAN HORNE AVE APT 3 MONTREAL QUE	M SC 1 RE 7 6738
GRISDALE JOHN MCARTHUR P O BOX 333 HUDSON QUE	M SC 1
GRISDALE SARA KATHLEEN MACDONALD COLLEGE IROQUOIS ONT	B SC AGR 3
GRIVAKES TASS GEORGE 172 PAGNUELO AVE OUTREMONT QUE	B C L 4
GRIVAS JOHN 3695 JEANNE MANCE ST MTL 62 SAPFUS ST ATHENS GREECE	PH D 2 VI 5 5543
GROENBERG TIIU MAI 238 WESTMINSTER AVE N MONTREAL WEST QUE	B A 3 DE 3205
GROGAN RICHARD BRUCE 5619 QUEEN MARY ROAD MONTREAL QUE	B ENG 2 DE 2055
GRONDY JOHN 4527 HARVARD AVE N D G MONTREAL QUE	B ENG 1 HU 9 6468
GROSS ANDREA DEWEY 714 GROSVENOR AVE WESTMOUNT QUE	B A 2 DE 3678
GROSS MARTIN 5571 DUNMORE AVE MONTREAL QUE	B C L 1 RE R 2224
GROSS MORTY DAVID BOX 501 STE AGATHE DES MONTS QUE	B ARCH 6

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GROSSMAN RONALD ALLAN 5718 QUEEN MARY ROAD HAMPSTEAD QUE	D D S 3 HU 9 1266
GROSSMANN MARIE CAROLYN S 5060 N D G AVE MONTREAL QUE	B A 3 HU 1 9455
GROSTERN GEORGE SHELDON 5593 PHILIPPS AVE MONTREAL QUE	B COM 3 RE A 4483
GROUNDWATER FERGUS MINER 210 SECOND ST ST LAMBERT QUE	B ENG 2 OR 1 7502
GROUT ROBERT CAMERON L 68 ARLINGTON AVE WESTMOUNT QUE	B SC 1 WE 7 3726
GROVE ALEXANDER VAUGHAN 4902 PIEDMONT AVE MONTREAL QUE	B ENG CIV 4 RE A 7494
GROVE HOWARD FRANK L 5285 9TH AVE MONTREAL 36 QUE	TCH INT 1 RA 7 7026
GRUBERT PEARL 5591 DARLINGTON AVE MONTREAL QUE	TCH ELEM 1 RE 1 2501
GRUEN TOBIAS 455 BLOOMFIELD AVE MONTREAL QUE	M A 2 CR 7 9285
GRUNBLATT JOSEPH ABRAHAM 3734 KENT AVE MONTREAL QUE	M A 1 RE A 0848
GRUNER PETER HAMILTON 911 CALEDONIA ROAD TOWN OF MT ROYAL QUE	MD CM 3 RE A 5994
GUAY JOSEPH PHILIPPE 3203 DE SERIGNY MONTREAL QUE	B C L 3 RE A 1781
GUERASSIMENKO MICHAEL L T 3430 MC TAVISH ST APT 203 MONTREAL QUE	GRAD QUAL 1 VI 9 3105
GUERTIN JACQUES DENIS P 515 CHURCH AVE BEAUREPAIRE QUE	B SC 2 OX 5 3597
GUGIS TADAS 3416 JEANNE MANCE ST MTL 200 HOLTON AVE S HAMILTON ONT	B ENG 1
GUIBERT FRANCOIS MACDONALD COLLEGE 651 STUART OUTREMONT QUE	B SC AGR 2
GUIGNION FAY JACQUELINE J BOX 190 GASPE QUE	TCH INT 1
GUILD JOYCE MARGARET 22 CEDAR AVE POINTE CLAIRE QUE	TCH INT 2 OX 5 3054
GUILD NANCY IRENE MCLENNAN HALL MALLORYTOWN ONT	PHYSIOTH 3 PL 0044
GUILLEMETTE NORMAND 258 SHERBROOKE ST W MTL 2033 BOISVERT SHAWINIGAN FALLS QUE	B ENG 2 VI 9 0714
GUILLOTTE GUY ARTHUR MACDONALD COLLEGE 102 STE THERESE ST P O BOX 985 COWANSVILLE QUE	B SC AGR 1
GUIMONT MAURICE SYLVIO J 1220 BISHOP ST APT 3 P O BOX 280 GRAND FALLS N B	B ENG 2 UN 1 6287
GUITTON DANIEL EDWARD 8983 HASILE ROUTHIER ST MONTREAL QUE	B ENG MCH 3 DU A 5142
GULDEN SIMON 5181 BOURRET AVE MONTREAL 29 QUE	B A 3 RE 7 5385
GUNN ELEANOR MARGUERITE 265 48TH AVE LACHINE QUE	B A 1 ME 7 3062
GUNN MORRIS WILLIAM FACULTY GRADUATE STUDIES ELECT ENGINEERING DEPT C O ARC LANG 3530 DUROCHER ST APT 16 MONTREAL QUE	M SC 1
GUNNING GAIL SUSAN E C 77 MELBOURNE AVE MONTREAL 16 QUE	L MUS 3 RE A 3777
GUNTHER GEORG 3422 PARK AVE MONTREAL QUE	B A 2 AV A 4670
GUPTA PREM RAJ 3511 HUTCHISON ST MONTREAL QUE	PH D 3 BE A121
GURALNICK MELVIN STEVEN 767 DAVAAR AVE OUTREMONT QUE	B A 1 CR 9 4921
GURALNICK PERRY 767 DAVAAR AVE OUTREMONT QUE	B A 2 CR 9 4921
GURBERG DAVID WILLIAM 550 DORAIS VILLE ST LAURENT QUE	B A 1 RI 4 6994
GUSTAFSON ANDREA MARGARET MACDONALD COLLEGE BOX 152 COWANSVILLE QUE	B SC H EC 3
GUSTAFSON JEAN MARILYN STEWART HALL MACDONALD COLLEGE P O BOX 152 COWANSVILLE QUE	M SC 2
GUTELIUS JOHN ROBERT 10 NORTHCOTE ROAD HAMPSTEAD QUE	M SC 1 EL 3358
GUTELIUS WILLIAM F 5811 COTE ST LUC RD HAMPSTEAD QUE	B SC 4 HU 9 3960
GUTHRIE ANNA LOUISE 8 MARTIN AVE DORVAL QUE	B A 3 ME 1 1510
GUTHRIE ARTHUR DEREK 8 MARTIN AVE DORVAL QUE	B C L 1 ME 1 1510
GUTTMAN CHARLOTTE 562 ABERCORN AVE TOWN OF MT ROYAL QUE	B A 4 RE 7 0695
GUTTMAN GILDA FRANCES 651 LANSDOWNE AVE MONTREAL QUE	B A 3 HU 1 9390
GUTTMAN SUE CAROL 6915 LEMIEUX ST MONTREAL QUE	B A 1 RE 7 2102
GUY BRAY JOHN VICTOR 355 ROY ST E APT 1 MONTREAL QUE	M SC 2 AV A 7460
GUZMAN DANILO ANTONIO 3434 MCTAVISH ST MTL SAN FRANCISCO DE MACORIS DOMINICAN REPUBLIC	MD CM 2 PL 4492
GUZZETTA VICTOR LOUIS 2100 CLAREMONT AVE MTL 598 SENECA PARKWAY ROCHESTER N Y U S A	D D S 4 HU 1 0740
GWYN CAROLINE MARY 394 GRANDE COTE ROSEMERE QUE	B SC 3

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GWYN JULIAN REGINALD 394 GRANDE COTE ROSEMERE QUE	M A 1 TA 7 2345
GWYN NICHOLAS RHYS J P O BOX 128 ROSEMERE QUE	B C L 4
GYAN MAUNG OHN 3615 UNIVERSITY ST MTL 224 SPARKS ST RANGOON UNION OF BURMA	PH D 2
GYENES LADISLAS 4620 LINTON AVE APT 2 MONTREAL QUE	PH D 2 RE 3 6269
GYTON SANDRA MARION BOX 950 MACDONALD COLLEGE 106 56TH AVE LACHINE QUE	TCH ELEM 2
GZEKELY REKA KATALIN 11955 GRENET ST APT 11 MONTREAL QUE	B ENG 2 RI 7 7406

H

HABER ANDREW BERNARD 3105 LINTON AVE APT 10 MONTREAL QUE	PH D 2 RE 3 4100
HABIB ALEXANDRE VERDUN PROTESTANT HOSP TRIPOLI MARINE LEBANON	MED DIPL 2
HACKETT BARBARA JEAN ROYAL VICTORIA COLLEGE 319 39TH AVE S W CALGARY ALTA	B SC 2 PL 0571
HACKETT JOHN DESMOND 6196 N D G AVE MONTREAL QUE	MED DIPL 4 HU 1 8564
HADDON BEVERLEY ANNE BAIE D URFEE QUE LENNOXVILLE QUE	TCH ELEM 1
HAGGART CATHERINE F 3444 DECARIE BLVD MONTREAL QUE	PH D 2 HU 9 6029
HAHAMOVITCH DONALD EDWARD 7 LYNCROFT ROAD HAMPSTEAD QUE	B C L 1 HU 8 0150
HAIDAR SYED JARSWAD H S Y M C A 1441 DRUMMOND ST CHOWK WAZER BHEN GONDI ST 1 2 DELHI GATE LAHORE W PAK	B COM 2
HAILE MARIAM TASHOMA 3415A HUTCHISON ST MTL P O B 1063 ADDIS ABABA ETHIOPIA	B C L 2 PL 6094
HAINES BARNEY 32170 BARCLAY APT 8 MONTREAL QUE	B ENG 1
HAINES CHARLES EUGENE 3505 SHUTER ST MTL P O BOX 178 HAMILTON CITY CALIF U S A	MD CM 3 VI 9 4853
HALEY PETER MILAN 4940 COTE DES NEIGES RD MONTREAL 29 QUE	B ENG 2 RE H 4481
HALL CHARLES DENIS 3508 UNIVERSITY ST MTL MACDONALD COLLEGE QUE	B ENG PHY 3 VI 5 4873
HALL ETHEL WINNIFRED 1265 GRAHAM BLVD TOWN OF MT ROYAL QUE	PARTIAL RE 1 2350
HALL GARY JOHN ELVIN 5202 DALOU AVE MONTREAL 29 QUE	PARTIAL
HALL HELEN MARGARET 901 JARRY W APT 14 MONTREAL QUE	EDUCATION 1 CR 9 4465
HALL HUGH BRIAN 3511 PEEL ST MTL BOX 18 MINIOTA MAN	B ARCH 5 RE 4777
HALL JOHN ROBERT 4278 WESTERN AVE MTL ST ZOTIQUE VIA SOULANGES QUE	B ENG CIV 5 WE 5 5964
HALL KAREN AGNETE 46 SUMMIT CIRCLE MONTREAL 6 QUE	B SC 1 WE 5 2631
HALL MARY ELIZABETH BOX 303 MACDONALD COLLEGE	TCH INT 2
HALL ROBERT DAVID 4880 PLAMONDON AVE APT 2 133 WEST MOLLOY ROAD SYRACUSE 11 N Y U S A	MD CM 3
HALLAC ALBERT 228 STANSTEAD AVE TOWN OF MT ROYAL QUE	B COM 3 RE 3 8469
HALLAM HUGH TREVOR 3830 LACOMBE AVE MTL 105 BOLE AVE CHILLIWACK B C	MD CM 4 RE H 4711
HALMAY ANDREW GEORGE 464 WOOD AVE WESTMOUNT QUE	B ENG 1 WE 7 2629
HALMAY PETER 464 WOOD AVE WESTMOUNT QUE	B ENG 1 WE 7 2629
HALPERIN MITCHELL LEWIS 4945 VICTORIA AVE MONTREAL 6 QUE	B SC 4 DE 1900
HALPERN GERALD 74 MCNIDER AVE OUTREMONT QUE	B A 2 CR 9 6788
HALPERN MARTIN 74 MCNIDER AVE OUTREMONT QUE	B SC 3 CR 9 6788
HALPERN MORRIS 2080 PLACE ST LOUIS VILLE ST LAURENT QUE	PARTIAL RI 7 4466
HALPERN NAHUM NORBERT 4553 CLARK ST MONTREAL QUE	B ENG 2 BE 6622
HALPERT LESLIE SYDNEY 5217 BESSBOROUGH AVE MONTREAL 29 QUE	B COM 1 DE 8548
HALTRECHT DAVID GORDON 4847 KENT AVE MONTREAL QUE	B ENG EL 3 RE 1 0314
HAM ARTHUR KEITH 3 DECASSON ROAD WESTMOUNT QUE	B C L 2 WE 7450
HAMBLY WILLIAM FRANK 5190 COOLBROOK AVE MONTREAL 29 QUE	B A 1 HU 1 5211
HAMEL ANITA ISABELLE 55 LORNE AVE ST LAMBERT QUE	B SC 3
HAMEL ROBERT ALLAN 2057 MANSFIELD ST APT 12 251 GAY LUSSAC ARVIDA QUE	B ENG 2 VI 9 3864
HAMILTON ANDY GERALD 451 STRATHCONA DRIVE MONTREAL QUE	B ENG 1 WE 2 1308

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
HAMILTON ARTHUR ROYAL VICTORIA HOSPITAL	M SC 1
HAMILTON AUDREY LOUISA 590 LAKESHORE RD BEAUREPAIRE QUE	B SC 1 OX 5 2314
HAMILTON BRUCE C 3410 KENSINGTON AVE APT 7 MONTREAL QUE	B C L 1 HU 8 4368
HAMILTON DAVID JAMES B 5072 VICTORIA AVE MTL 19 GLENVIEW AVE TORONTO ONT	B ENG 1 RE 9 1460
HAMILTON FRANK ALFRED 2630 OVERHILL ST BLDG 25 APT 4 R C A F STATION LACHINE QUE	B ARCH 2
HAMILTON KENNETH GEORGE 3851 UNIVERSITY ST MTL 79 HIGHLAND AVE SHORT HILLS N J U S A	MD CM 2 AV 8 1854
HAMILTON MARGARET ANNE B ROYAL VICTORIA COLLEGE 19 GLENVIEW AVE TORONTO ONT	B SC 2 PL 0847
HAMILTON ROBERT DUNCAN MACDONALD COLLEGE STE ANNES HOSPITAL STE ANNE DE BELLEVUE QUE	B SC AGR 3
HAMILTON ROBERT LORNE 1441 DRUMMOND ST MTL R R 3 AYERS CLIFF QUE	D D S 1 VI 9 4171
HAMILTON RONALD ARTHUR S 3650 LORNE CRES MTL 40A UPPER WATERLOO ROAD CONSTANT SPRING JAMAICA B W I	B SC 3 RE 9719
HAMMOND ROBERT ROCHESTER 2036 UNION AVE APT 3 6642 16TH AVE MONTREAL 36 QUE	PARTIAL VI 9 3031
HAMPER ADOLPHE 2250 SOUVENIR ST MONTREAL 25 QUE	B A 4 WE 3 4484
HAMPTON RICHARD JOHN 160 46 AVE LACHINE QUE	B ENG CH 3 ME 7 2223
HAMZA ISSAM TOUFIC 3435 GOUIN BLVD E MTL 61 ONTARIO ST W MONTREAL QUE	A & S COM 1 DU 8 7830
HANAWAY JOSEPH 1380 REDPATH CRESC MTL 47 KNOLLWOOD ROAD SHORT HILLS N J U S A	MD CM 2 PL 4782
HANDELMAN DONALD 5862 WESTBURY AVE MTL STE AGATHE CHALET STE AGATHE DES MONTS QUE	B A 2 RE 7 5630
HANDIAK NICHOLAS 1310 CONWAY ST MONTREAL 22 QUE	B ENG CH 3
HANEK SEYMOUR 5687 PARK AVE APT 4 MONTREAL QUE	B A 4 CR 2 3590
HANGO ROY ANTON 275 49TH AVE LACHINE QUE	B ENG MCH 5 ME 7 2678
HANKS WILFRED GEORGE 3261 FOREST HILL AVE APT 4 MONTREAL QUE	M A 2
HANLEY JOHN CONNOR 3530 DUROCHER ST APT 24 MONTREAL QUE	B A 2 VI 5 8838
HANLEY PETER ANTHONY LEO 184 LABONTE ST LONGUEUIL QUE	B ENG MCH 5 OR 4 0997
HANNA ELIZABETH FRANCES MACDONALD COLLEGE 290 10TH AVE GRANDMERE QUE	HOMEMAKER 1
HANNEN JOHN EDWARD 19 BRYNMOR MONTREAL WEST QUE	B A 3 HU 1 1522
HANNON EVELYN 51 PERRAULT AVE 4981 DORNAL AVE MONTREAL QUE	TCH ELEM 1
HANOVER CLINTON DE WITT 1487 MOUNTAIN ST APT 8 8 GEDNEY WAY QUAKER VILLAGE CHAPPAQUA N Y U S A	B A 4 VI 5 4963
HANSEN CARL ANTHONY DOUGLAS HALL WESTHAMPTON BEACH NEW YORK U S A	MD CM 1
HANSMAN DAMARIS ANNE ROYAL VICTORIA COLLEGE 381 WORTHINGTON ST E NORTH BAY ONT	B SC 2 VI 0 9120
HANSON DEREK AUSTIN 27 BARAT ROAD WESTMOUNT QUE	B C L 4 VI 5 2265
HANSULD JOHN ALEXANDER 6001 COTE ST LUC ROAD APT 404 MONTREAL QUE	PH D 2 HU 1 2140
HARASIMOWICZ PAUL PETER 31 MAGUIRE ST MONTREAL QUE	D D S 1
HARBERT JOHN EDWARD 451 STRATHCONA AVE WSTMT 1355 RUSSELL ST SHERBROOKE QUE	B ENG MCH 4 WE 2 1308
HARDING ALWIN WILBERFORCE 2014 VICTORIA ST MTL ORANGE HILL ST JAMES BARBADOS B W I	B A 2 VI 9 0018
HARDING OSWALD GASKELL 722 CHAMPAGNEUR AVE MONTREAL QUE	M A 1 CR 4 0986
HARDY JOHN CHRISTOPHER 1483 ATWATER AVE APT 9 MONTREAL QUE	B SC 1 WE 2 8609
HARGROVE CLIFFORD K 3737 CORONET ROAD APT 10 MONTREAL QUE	PH D 2 RE 1 6394
HARIS MAX LESLIE BELA 3535 SHUTER ST APT 8 MTL C O MR T ROMER 643 MILTON ST MONTREAL QUE	B A 2 BE 0841
HARKER WILLIAM CLINTON 316 CLEMENT AVE DORVAL QUE	B ENG 2 ME 1 8648
HARKNESS DIANE JEAN 4610 ST JOSEPH ST LACHINE QUE	TCH INT 1 ME 7 6015
HARKNESS GRACE ELIZABETH MACDONALD COLLEGE BOX 189 ORMSTOWN QUE	TCH ELEM 1
HARKNESS JOHN PATRICK 1235 SHERBROOKE ST LACHINE QUE	D D S 3 ME 7 8727
HARLAND ROSS CAMERON MACDONALD COLLEGE 5 CLAYES AVE BEDFORD QUE	B SC AGR 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
HARNEY PATRICIA MARIE P O BOX 191 MACDONALD COLLEGE QUE	M SC 2
HARPER GEORGE GERALD MACDONALD COLLEGE DRUMMOND ST MONCTON N B	B SC AGR 3
HARPER THOMAS MICHAEL 364 METCALFE AVE WESTMOUNT QUE	B ENG 2 WE 3 5268
HARRINGTON ALEXANDER T 5243 JEANNE MANCE ST MONTREAL QUE	B ARCH 2
HARRIS DONALD STUART 3511 PEEL ST MONTREAL QUE	B ENG CIV 5 VI 5 8047
HARRIS EDGAR ROSS 133 HAYWARD AVE VILLE LASALLE QUE	MED DIPL 1 HU R 8498
HARRIS FRANK HORST 5503 SMART AVE MONTREAL 29 QUE	B ENG EL 3 HU 9 1994
HARRIS GEORGE ASHTON 7 LAZARD AVE TOWN OF MT ROYAL QUE	B A 2 RE R 4327
HARRIS GORDON LEONARD 4170 GIROUARD AVE MONTREAL QUE	B SC 2 HU 1 1698
HARRIS JANET A 6056 SOMERLED AVE MONTREAL QUE	TCH INT 2 HU R 4063
HARRIS SETH OWENS 3861 BARCLAY AVE APT 9 MONTREAL QUE	PH D 3 RE 7 6754
HARRISON EDWARD SAMUEL 3660 LORNE CRESCENT APT 18 MTL 10 FOURTH AVE MT VIEW GARDENS VINEYARD TOWN P O KINGSTON JAMAICA B W I	B ENG CIV 5 AV R 4982
HARRISON FAITH SHAW B 18 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC H EC 4
HARRISON ISOBEL MARY R ROYAL VICTORIA COLLEGE 338 DOUGLAS DRIVE TORONTO ONT	B A 4 PL 0477
HARRISON JUDITH ANN ROYAL VICTORIA COLLEGE COLLEGE HILL ROTHESAY N B	B SC 2 PL 0334
HARRISON KARL MITCHELL 3660 LORNE CRESCENT APT 18 MTL 10 FOURTH AVE MT VIEW GARDENS VINEYARD TOWN JAMAICA B W I	B SC 2 AV R 4982
HARRISON MARGARET E MACDONALD COLLEGE R R 2 FREDERICTON N B	B SC H EC 2
HARRISON WOLFRED ERNIE DOUGLAS HALL 338 DOUGLAS DRIVE TORONTO ONT	B ENG 1
HARROLD ALAN JOHN 7045 FIELDING AVE APT 204 MONTREAL QUE	MD CM 1 HU 9 2059
HARROW MARTIN 3875 PLAMONDON APT 11 MONTREAL QUE	PARTIAL RE 7 1815
HARSORA CHIMANLAL T 3615 UNIVERSITY ST MTL SUNDER SAJAN WADI VAKOLA BRIDGE SANTA CRUZ EAST BOMBAY 25 INDIA	B ENG CIV 3
HART BARBARA 4908 PONSARD AVE MONTREAL QUE	B A 1 RE 1 6411
HART FLORENCE CLAIRE 898 GROU AVE VILLE ST LAURENT QUE	TCH ELEM 1 RI R 8351
HART GEORGE STEVENSON MACDONALD COLLEGE 16 W KINGS HOUSE ROAD HALF WAY TREE P O JAMAICA B W I	B SC AGR 2
HART LORNE GERALD 898 GROU ST VILLE ST LAURENT QUE	B A 4 RI R 8351
HART SALLY ELIZABETH ROYAL VICTORIA COLLEGE BOX 246 NORTH HATLEY QUE	B SC 2 PL 0598
HARTERRE DONALD JAMES 1516 PINE AVE W MONTREAL QUE	PL 7385
HARTMAN ABRAHAM AARON 5533 QUEEN MARY ROAD MONTREAL QUE	B SC 2 HU R 5137
HARTT BEVERLY ANN ROYAL VICTORIA COLLEGE 341 MAPLE AVE CHESHIRE CONN U S A	B A 4
HARTT STANLEY HERBERT 6300 WESTBURY AVE MONTREAL QUE	B A 4 RE 3 2465
HARVEY ALEXANDER 3524 HUTCHISON ST APT 48 MONTREAL 18 QUE	M A 1 VI 5 4348
HARVEY CLARK CHRISTOPHER DOUGLAS HALL C O DR R HUNTER 1559A PINE AVE WEST MONTREAL QUE	B ENG 2
HARVEY DONALD FREDERICK 3475 RIDGEWOOD AVE APT 303 MONTREAL QUE	MD CM 2 RE 1 2927
HARVEY HUGH CAMPBELL 3881 UNIVERSITY ST MTL CLIFTON HOUSE GLEBELANDS ROAD KUNTSFORD CHESHIRE ENGLAND	B COM 2
HARVEY PHIL ALLAN 465 OAK AVE ST LAMBERT QUE	B COM 2 OR 1 6825
HARVEY WINONA LILLIAN 620 MERTON AVE ST LAMBERT QUE	B A 3 OR 1 1072
HASAN MUHAMMAD 3419 HUTCHISON ST APT 6 4F 15 2 NAZIMABAD KARACHI PAKISTAN	B ENG CIV 3 AV R 7419
HASEGAWA JAMES SHIRO 9780 SACRE COEUR AVE AHUNTSIC QUE	D D S 4 DU 7 5930
HASHIMOTO TSUTOMU 4 BURTON AVE WESTMOUNT QUE	PARTIAL
HASLETT BENITA JANE 3630 MOUNTAIN ST MONTREAL 25 QUE	B A 2 VI 5 1076
HATFIELD ROBERT DOUGLAS 287 WESTGATE CRESCENT ROSEMERE QUE	B ENG 2 TA 7 4286

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
HATT MARK LIVINGSTON 383 GENEVA CRES MTL KINGSTON N S	D D S 2 RE A 1656
HAUBNER ALICE ROYAL VICTORIA COLLEGE 401 E COUNTRY CLUB LANE WALLINGFORD PENNA U S A	PHYSIOTH 1 PL 0597
HAUSNER ROBERT ALLAN 3258 WESTMOUNT BLVD WESTMOUNT QUE	B COM 1 WE 3 6104
HAVARD RONALD JAMES 4022 MACKENZIE AVE MONTREAL 26 QUE	M S W 2 RE A 6347
HAVILL HERBERT PATRICK 7440 WISEMAN AVE MONTREAL QUE	B ENG 1 CR 6 7356
HAWALESHKA OSTAP 6010 31ST AVE MONTREAL 36 QUE	B ENG MCH 3
HAWES JOYE ANN MACDONALD COLLEGE IVES HILL COMPTON QUE	B SC H EC 1
HAWKE LOIS ELLEN BOX 500 MACDONALD COLLEGE BOX 207 FARNHAM QUE	B SC H EC 3
HAWKINS HERBERT ROBERT 2240 AINSLEY CRES TOWN OF MT ROYAL QUE	B COM 2 RE 1 5815
HAWKINS KATHLEEN 5225 HUTCHISON ST MONTREAL QUE	MD CM 1 CR 7 8673
HAWKINS WILLIAM MAXWELL 5880 COTE STE ANTOINE RD APT 6 MONTREAL QUE	M SC 2 HU 9 4741
HAWLEY JAMES EARLF MACDONALD COLLEGE BOX 31 MABOU INV CO N S	B SC AGR 4
HAWORTH LORNA HELEN 5104 O BRYAN AVE MONTREAL QUE	M A 2 HU 9 6762
HAWRGLUK MOLLY EMILY C MACDONALD COLLEGE 16 SIGMA ROAD BOURLAMAQUE QUE	TCH ELEM 1
HAY DONALD ROBERT 3485 MCTAVISH ST MTL 365 BEDARD BLVD LACHUTE QUE	B ENG 2 VI 9 0141
HAY IRIS WARING 534 MAPLE AVE ST LAMBERT QUE	B L S 1 OR 1 8022
HAY ROGER MACLEAN 103 ANGELL AVE BEAUPEPAIRE QUE	B ENG 1 OX 5 4573
HAYAMI GRACE ANNE 5325 WESTERN AVE MONTREAL 28 QUE	B SC 1 EL 9423
HAYDEN DAVID EDWARD P 47 PERREAULT AVE STE ANNE DE BELLEVUE QUE	MD CM 2
HAYES FLORA HARRIETT 3455 COTE DES NEIGES MTL APOHAQUI N B	GR N CERT 1 WE 5 9270
HAYES FRANCIS JOSEPH 2014 CONNAUGHT AVE N D G MONTREAL QUE	PH D 3 HU 9 2634
HAYES JAMES CURTIS 27A FORTIN ST APT 59 ST JEAN QUE	PH D 2
HAYES JOHN ANTHONY 5600 QUEEN MARY ROAD HAMPSTEAD QUE	B A 4 DE 9357
HAYES MERILYN JUDITH 345 BEVERLEY AVE TOWN OF MT ROYAL QUE	PHYSIOTH 2 RE A 3113
HAYLEY HARRY CLARK 425 MOUNT ROYAL W MTL 100 IONA ST OTTAWA ONT	B ENG 1 GR 7681
HAYTER FRANCES ELIZABETH 1441 CRESCENT ST MONTREAL QUE	B A 4 VI 5 1808
HAZEN MARY SANDRA TEED ROYAL VICTORIA COLLEGE BOX 122 LANCASTER N B	PHYSIOTH 2 PL 0571
HAZLETT GWENDOLYN C 425 MOUNT ROYAL W MTL 3502 ADDINGTON AVE MONTREAL 28 QUE	M L S 1 GR 7681
HEAL JAMES ALBERT 425 EDGEWORTH AVE OTTAWA 3 ONT	M ENG 4
HEAL JUDITH ANNE 4183 MARLOWE AVE MONTREAL 28 QUE	B A 4 HU 1 8964
HEALEY EDWARD PATRICK 6300 LENNOX AVE MONTREAL QUE	MD CM 3 RE A 2557
HEALEY SALLY FRANCKE 6300 LENNOX AVE MONTREAL QUE	M S W 1 RE A 2557
HEARD CHARLES WILLIAM K 4528 WILSON AVE MONTREAL 28 QUE	B A 3 DE 0577
HEBB ANNETTE BARBARA JULIA DRUMMOND RESIDENCE 1208 ST MARK ST MONTREAL QUE	PARTIAL WE 5 8523
HEBB JANE NICHOLS 63 NELSON ST MONTREAL WEST QUE	B A 1 DE 8225
HEBERT FRANCOIS 3780 MAPLEWOOD AVE MONTREAL QUE	MED DIPL 1 RE 1 6620
HEBERT HECTOR JACQUES 3581 UNIVERSITY ST MTL 2155 BACHAND SHERBROOKE QUE	B ENG CIV 4 VI 9 1368
HEBERT JACQUES 5395 LASALLE BLVD VERDUN QUE	B COM 4 PO 8 3539
HEBERT REAL JACQUES 3514 FULLUM ST MTL ST WENCESLAS CO NICOLET QUE	B ENG 2 LA 1 4090
HECHT ERIKA 3495 MOUNTAIN ST MONTREAL QUE	MD CM 3 RE 4518
HECHT FREDERIC PAUL 1629 DUCHARME OUTREMONT QUE	B COM 1 CR 4 2654
HECHT LINDA 5611 DAVIES AVE MONTREAL QUE	TCH ELEM 1 HU 9 4240
HECKELSMUELLER HASSO F W 3547 DUROCHER ST APT 5 MONTREAL QUE	B C L 2 VI 5 9763
HEDBERG DAVID L 4960 MAPLEWOOD AVE APT 1 40 DRURY LANE WORCESTER 9 MASS U S A	MD CM 2 RE 3 4707

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
HEENAN ROY MICHAEL LACAUD 430 VICTORIA AVE WESTMOUNT QUE	B C L 1 WE 2 7237
HEENEY PATRICIA JANE ROYAL VICTORIA COLLEGE 428 BUENA VISTA ROAD ROCKCLIFFE OTTAWA ONT	MUS B 2 VI 9 0858
HEFFERNAN JAMES EDWARD 3473 UNIVERSITY ST MTL 62 CHAFFEY ST BROCKVILLE ONT	B ENG MET 4
HEFT MELVYN 3605 RIDGEWOOD AVE MONTREAL QUE	D D S 2 RE 7 3428
HEGYI KRISZTINA 3474 DE BULLION ST MONTREAL QUE	B SC 3 AV A 9911
HEITIN LEONARD ARTHUR 780 MARLBORO DRIVE MONTREAL 16 QUE	B ENG 1 RE A 9785
HELFENBAUM ANN ROSE 5907 CLANRANALD AVE MONTREAL QUE	TCH ELEM 1 RE A 8496
HELLE STEPHEN JOSEPH ROYAL VICTORIA HOSPITAL C P 9148 SAO PAULO BRAZIL	MED DIPL 1
HELLER ELAINE FRANCES 4927 VICTORIA AVE MONTREAL QUE	TCH ELEM 1
HELLSTROM DOLLY HELENA 33 ST GEORGE ST STE ANNE DE BELLEVUE QUE RR47 BERRI ST MONTREAL QUE	TCH ELEM 1
HELM GORDON AINSLEY 5432 SHERBROOKE ST W MONTREAL QUE	B ENG MCH 5 HU 9 4744
HELMS CRAMPTON HARRIS 3567 UNIVERSITY ST MTL 29 EVANS AVE MORRISTOWN TENN U S A	MD CM 4 RE 0892
HELY TIMOTHY FRANCIS P 3637 UNIVERSITY ST MONTREAL QUE	B SC 4 VI 9 1736
HEMMINGS ARTHUR DENNIS 845 LEDUC ST VILLE ST LAURENT QUE	B SC P ED 4 RI 7 3177
HEMNANI SUNDER CAC WILSON HALL	B ENG 1
HEMSTOCK JOHN RUSSELL 2174 LINCOLN AVE MTL FAIRVIEW ALTA	MED DIPL 3 WE 6621
HENDELMAN WALTER JACK 5224 SARANAC AVE MONTREAL QUE	B SC 4 HU 1 9681
HENDERSON DONALD BAXTER 431 WOOD AVE WESTMOUNT QUE	B ENG 1 WE 3 5362
HENDERSON IAN ALEXANDER 5171 MARIETTE AVE N D G MONTREAL QUE	B ENG 1
HENDERSON JOHN F 56 BEVERLEY AVE TOWN OF MT ROYAL QUE	PH D 4 RE A 4871
HENDERSON JOHN WILLIAM R 5665 FIELDING AVE APT 3 MONTREAL QUE	B A 2 EL 4572
HENDERSON KENNETH ARTHUR 530 ARGYLE AVE VERDUN QUE	A ENG MCH 4 PO A 7991
HENDERSON LORNA JOAN MACDONALD COLLEGE 388 HOLLAND AVE OTTAWA ONT	B SC H EC 4
HENDERSON PATRICIA HOPE 421 BRIXTON ST ST LAMBERT QUE	PARTIAL OR 1 0483
HENDERSON PATRICIA M 4559 MARCIL AVE N D G MONTREAL QUE	B SC 3 HU A 3890
HENDRY DONALD ROSS 447 ELM AVE WESTMOUNT QUE	B A 4 WE 2 2920
HENDRY JAMES 4856 PATRICIA AVE N D G MONTREAL 29 QUE	B D 3 HU A 7555
HENNEBERRY GERALD OWEN 7 GLENALADALE TERRACE P O BOX 71 MACDONALD COLLEGE QUE	PH D 5
HENNESSEY ALAN THOMAS 3420 HUTCHISON ST MTL 1001 DEVER ROAD LANCASTER N B	MD CM 4 VI 5 8878
HENNIGER JAMES PERRY WILSON HALL BROCKVILLE ST SMITHS FALLS ONT	B SC 2 RE 0624
HENRY DOREEN HAZEL 3435 MONTCLAIR AVE MONTREAL QUE	B A 4 DE 7120
HENRY HUGH GEORGE 546 PINE AVE W APT 1 MTL GERMANTOWN N Y U S A	MD CM 4 VI 9 5974
HENSON PHILLIP JAMES 108 SELBY ST MONTREAL QUE	A ENG 1 WE 2 4445
HENTSCHEL ROBERT ELLIOTT 3510 LORNE AVE MTL 625 STATE ST OGDENSBURG N Y U S A	MD CM 3 RE A967
HEON NORMAN BRUNO 300 SHERBROOKE ST W MTL 255 104TH ST SHAWINIGAN SOUTH QUE	B ENG MCH 5 PL 0950
HEPPNER CHRISTOPHER A E 135 CLANDEBOYE AVE WESTMOUNT QUE	M A 1 WE 5 4210
HERBERT DORA MARY V 6612 27TH AVE MTL ST JOHNS ROAD ST BENEDICT TUNAPUNA TRINIDAD B W I	PHYSIOTH 5 RA 1 5695
HERDER BARBARA ELIZABETH ROYAL VICTORIA COLLEGE 40 RENNIES MILL ROAD ST JOHNS NFLD	B SC 2 PL 0495
HERDER JUDITH MARY MACDONALD COLLEGE 40 RENNIES MILL ROAD ST JOHNS NFLD	A SC H EC 4
HERLAND ADRIAN 4137 ESPLANADE AVE APT 11 MONTREAL 18 QUE	A ENG EL 4 AV A 5775
HERMAN EMIL BENJAMIN 2205 GIROUARD AVE MONTREAL QUE	B COM 4 HU 9 5017
HERMAN JOYCE ROSALIND 664 WESTLUKE AVE COTE ST LUC QUE	TCH ELEM 1 HU 9 2786
HERMAN SANDRA EDNA 4694 LA PELTRIE ST MONTREAL QUE	TCH ELEM 1 RE 8 9255
HERMANS WIL HELM MACDONALD COLLEGE QUE	A SC AGR 4

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
HERMITAGE LINDA MAY 495 VICTORIA AVE WESTMOUNT QUE	B SC 1 WE 7 1079
HERON MARY LEIGH 122 SIMCOE AVE TOWN OF MT ROYAL QUE	GR N CERT 1 RE 7 5028
HERRING JOSEPH DAHLET 3473 UNIVERSITY ST MTL 760 BLANCH AVE NORWOOD N J U S A	B D 1
HERRON ALEXANDER WILLIAM 3581 MARLOWE AVE MONTREAL 28 QUE	B COM 1 HU R 8545
HERSCHORN MICHAEL 5400 RANDALL AVE APT 6 MONTREAL 29 QUE	PH D 4 EL 6220
HERSCOVITCH C LIONEL 6432 CLANRANALD AVE MONTREAL QUE	D D S 2 RE 7 3289
HERSCOVITCH DOROTHY P 8545 MOUNTAIN SIGHTS MONTREAL QUE	PHYSIOTH 3 RE 1 5850
HERSCOVITCH HARVEY 5055 BOURRET AVE APT 37 MONTREAL QUE	B ENG EL 4 RE 7 9603
HERSHCOVITCH PETER 4077 MARCIL AVE MONTREAL QUE	B ENG 1 HU 1 5379
HERSHEY SUSAN JOAN ROYAL VICTORIA COLLEGE 1098 WESTERN AVE ALBANY N Y U S A	B SC N 1 VI 9 0030
HERZIG SHEILA 861 DOLLARD AVE OUTREMONT QUE	B A 1 CR 2 7956
HESELTINE ELISABETH ROYAL VICTORIA COLLEGE 350 E 30TH ST NEW YORK CITY N Y U S A	B SC 2 PL 0598
HESLOP DOUGLAS 4095 ST CATHERINE ST W MONTREAL QUE	B C L 2 WE 3 7321
HETHERINGTON GEORGE F 84 VICTORIA AVE POINTE CLAIRE QUE	B ENG CH 3 OX 5 3698
HEUSER GUNNAR 5947 DECELLES AVE MONTREAL QUE	MED DIPL 3
HEWARD JOHN HILLEARY G 9 REDPATH ROW MONTREAL 25 QUE	M A 1 WE 2 2072
HEWETT ANNE CLEVERLY 222 BLYTHWOOD ROAD TORONTO ONT	B SC P ED 1
HICKEY ERIC CAMPBELL 4014 MARCIL AVE MONTREAL QUE	D D S 1
HICKIE GUY HEWSON 655 MITCHELL AVE TOWN OF MT ROYAL QUE	B SC 1 RE 7 6911
HICKS ALFRED BRUCE 28 DE SALABERRY LAKESIDE HEIGHTS VALOIS R R NO 2 LORETTEVILLE QUE	B ENG 1
HICKS ARTHUR MICHAEL MACDONALD COLLEGE 412 SMYTH ROAD OTTAWA ONT	B SC AGR 3
HICKS BRENDA CATHERINE 1498 17TH ST CHARNY QUE	TCH INT 1
HICKS GEORGE DAVID 373 MERTON AVE MONTREAL 23 QUE	B ENG CH 5 OR 1 7356
HIGGINS EDWARD CONDON 4650 BESSBOROUGH AVE MONTREAL 28 QUE	B ENG AM 3 DE 1242
HIGGINS HOLWAY CHANTLAND 224 34TH AVE LACHINE QUE	B A 4 ME 7 0728
HIGGINS LEONARD MICHAEL 357 KENSINGTON AVE WSTMT 67 SEWELL ST ST JOHN N B	MD CM 1
HIGGINS MICHAEL HUGH 3605 UNIVERSITY ST MTL JUAN DE ACUNA 250 MEXICO D F Z 10	B COM 4 AV R 0643
HIGGINSON WARREN GORDON MACDONALD COLLEGE 81 BALFOUR AVE TOWN OF MT ROYAL QUE	B SC AGR 1
HIGGS PETER DAVID 538 CHESTER AVE TOWN OF MT ROYAL QUE	B ENG 2
HILDEBRAND ALVIN FISHER 6989 SOMERLED AVE N D G MONTREAL QUE	MED DIPL 1 HU 1 2374
HILL ALAN STANLEY DOUGLAS HALL 352 8TH ST SHAWINIGAN FALLS QUE	B ENG 1
HILL DONNA NANCY 7390 OUIMET ST VERDUN QUE	B A 1 PO R 5119
HILL J GILBERT MONTREAL GENERAL HOSP	MED DIPL 1 WE 7 6011
HILL LUCIUS TUTTLE 3660 HUTCHISON ST MTL 47 SARGENT ROAD BROOKLINE MASS U S A	MD CM 4 VI 5 7811
HILL NANCY MOORE 3660 HUTCHISON ST MTL 371 WALNUT ST BROOKLINE MASS U S A	B A 4 VI 5 7811
HILL PATRICIA ALLEN MACDONALD COLLEGE 26 SWALLOW ROAD STRATHMORE QUE	B SC H EC 3
HILL ROBERT ANDREW 4151 HARVARD AVE N D G MONTREAL QUE	TCH INT 1 EL 1851
HILL ROSS OGILVIE 4478 OLD ORCHARD AVE MONTREAL QUE	MED DIPL 2 EL 1959
HILLIARD LINDA ELLEN ROYAL VICTORIA COLLEGE 5 CELANESE SQ DRUMMONDVILLE QUE	B A 1 PL 0597
HILLIKER RUTH GRACE 12 EAST COTTAGES BOX 14 MACDONALD COLLEGE 69 NELSON ST MONTREAL WEST 28 QUE	TCH ELEM 1
HILLS THEODORE LEW 7 LOGAN ST ST LAMBERT QUE	PH D 4
HILMANN GUDRUN 2051 DORCHESTER ST WEST APT 3 MONTREAL QUE	WE 3 5966
HILTON JAMES VALERIE E 753 LANSDOWNE AVE WESTMOUNT QUE	B A 1 EL 5102
HIMAL HARRY 4740 LACOMBE AVE MONTREAL QUE	D D S 1 RE 9 1054

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
HINDS ROSALIE ALETHEA BOX 95 MACDONALD COLLEGE ROCKY POINT SCHOO BARKING LODGE P O JAMAICA B W I	B SC AGR 4
HINDS SYDNEY ARCHIBALD 3437 HUTCHISON ST MTL 4 HEATHFIELD AVE KINGSTON JAMAICA B W I	B ENG CIV 3 BE 1343
HINE WILLIAM DARYL 623 PRINCE ARTHUR ST W APT 6 MTL 1115 16TH AVE NEW WESTMINSTER B C	B A 4 VI 9 4866
HINTON PETER HERBERT 1130 SHERBROOKE ST W MTL RHEINBERGER STRASSE 8 DUSSELDORF GERMANY	B ENG CIV 3
HINTON RICHARD MICHAEL FIELD HOUSE 1220 LABELLE BLVD ST THERESE TERREBONNE QUE	B SC 1
HIRSH ALAN JONATHAN 1567 MCGREGOR ST APT 20 38 HOOKSTONE DRIVE HARROGATE YORKSHIRE ENGLAND	B SC 4 WE 2 5560
HIRSH HARVEY 5785 COTE ST LUC APT 9 MONTREAL QUE	B SC 1 HU 1 1243
HIRUIKOSKI KAIJA K MACDONALD COLLEGE 780 PLESSIS ST VAL DOR QUE	TCH INT 1
HISCOX HUGH KEITH 3506 UNIVERSITY ST MTL 306 MAIN ST OTTAWA ONT	B ARCH 2 BE 0624
HLA KYAW 3615 UNIVERSITY ST MONTREAL QUE	M ENG 1 BE 0888
HO CHI WAI LOUIS 125 WESTMINSTER N MTL W 518 NATHAN ROAD KOWLOON HONGKONG	B ENG 2 EL 0600
HO PO WING 3631 LORNE CRESCENT MTL 89 HILLWOOD ROAD KOWLOON HONGKONG	B ENG EL 3
HOBART DAVID GORDON 3114 DAULAC ROAD MONTREAL QUE	B ENG MCH 5 WE 2 0212
HOCHGLAUBE JACQUES 5221 PARK AVE APT 18 MONTREAL QUE	B SC 4 CR 1 8145
HOCKIN EDNA ROBERTA 710 CARDINAL AVE VILLE ST LAURENT QUE	TCH KIND 1 RI 4 1997
HOCKIN MARY GRACE 1452 BISHOP ST APT 27 45 TALBOT ST GUELPH ONT	M SC 1 RE 4139
HODES MELVIN DAVID 4130 BOUCHETTE MONTREAL QUE	B C L 1 RE 3 2523
HODGE WILLIAM GRIFFITH 2485 MAPLEWOOD AVE APT 5 MONTREAL QUE	B A 4 RE 3 4731
HODGES WILLIAM SPENCER 228 VERCHERES ST GREENFIELD PARK QUE	B ENG CH 4 OR 1 2537
HODGINS DOROTHY JEAN MACDONALD COLLEGE P O BOX 242 SHAWVILLE QUE	B SC H EC 3
HODGINS MYRTLE OLIVE 1585 MCGREGOR ST MTL 9A HARTMAN APTS WINNIPEG 12 MAN	GR N CERT 1
HODGINS WILLIAM ROY MACDONALD COLLEGE BOX 242 SHAWVILLE QUE	B SC AGR 2
HODGKIN JOHN MORELAND 27 WINDSOR AVE WESTMOUNT QUE	B ENG 1
HODGSON ALLAN ARCHIBALD 18 EDGEHILL RD WESTMOUNT QUE	B A 4
HODGSON ANNETTE IVA M ROYAL VICTORIA COLLEGE CRAWL BERMUDA	B A 4 PL 0598
HODJERA BRANISLAVA M 3165 LINTON AVE APT 3 MONTREAL QUE	MED DIPL 3 RE 3 1394
HOECHSMANN KLAUS 4282 SHERBROOKE ST W MTL 2112 DOW AVE SOUTH BURNABY B C	M A 1 WE 5 6296
HOEDEMAKER FREDERICK S 3625 RIDGEWOOD AVE MTL 4404 55TH AVE SEATTLE 5 WASH U S A	MD CM 3 RE 7 7585
HOERIG LYNNE VERONICA 2380 MACNEIL RD TOWN OF MT ROYAL QUE	B SC N 1 RE 3 7493
HOFFMAN JOHN CHARLES 3508 UNIVERSITY ST MONTREAL QUE	B D 2 VI 5 4873
HOFFMAN TERRENCE WILLIAM 4870 WALKLEY AVE APT 4 MTL 238 KING ST N WATERLOO ONT	PH D 3 DE 5854
HOFMANN GRETA ELLEN 4268 MADISON AVE MONTREAL QUE	B A 4 DE 5506
HOFMANN HANS JOERG 2672 ST ZOTIQUE E MONTREAL 36 QUE	B SC 4 RA 2 5563
HOGAN RALPH WILLIAM 2244 MELROSE AVE MONTREAL QUE	B ENG 1 DE 9469
HOGARTH DONALD DAVID 201 METCALFE AVE WSTMT 10 GLEN EDYTH PLACE TORONTO ONT	PH D 3 WE 2 8426
HOGG DOREEN 459 PRINCE ARTHUR ST W 2257 HALIFAX ST REGINA SASK	PH D 2 VI 9 0402
HOGG JAMES 30 EDGEHILL ROAD WESTMOUNT QUE	B SC 4 DE 4881
HOGG WILLIAM ALFRED P O BOX 169 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
HOK ROLAND 406 PINE AVE W APT 11 6807 RIDGE BLVD BROOKLYN 20 N Y U S A	MD CM 3 PL 2002
HOLCOMB ROBERT TELFORD 3427 HARVARD AVE N D G MONTREAL QUE	B ENG MCH 3 EL 5418
HOLCROFT WILLIAM MALTBY 6818 MONK BLVD MONTREAL QUE	B ENG MI 5 PO 6 3741

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
HOLDEN WENDY ROYAL VICTORIA COLLEGE PRADO NORTE 635 MEXICO 10 D F MEXICO		B SC 1
HOLLBACH ARTHUR REINER 19 GRENIER AVE STE HILAIRE STATION QUE		PH D 4
HOLLIDAY WILLIAM 3473 UNIVERSITY ST MONTREAL 2 QUE		B D 3
HOLLIER CAROLYN MARGARET MACDONALD COLLEGE 130 49TH AVE LACHINE QUE		B SC H EC 3
HOLLIS ANTHONY WOLCOTT L DOUGLAS HALL KENT AVE DEVONSHIRE BERMUDA		B SC 1
HOLLIS MARCIA CROMBIE 3479 UNIVERSITY ST MONTREAL 2 QUE	BE 1675	B A 4
HOLLIS REGINALD 3479 UNIVERSITY ST MONTREAL 2 QUE	BE 1675	S T M 2
HOLMES THOMAS JAMES 350 SIXTH AVE VERDUN QUE	PO 6 4840	B ENG 2
HOLMES WILLIAM EDWARD 475 N PINE AVE MTL 2330 DOWNING ST DENVER COLO U S A	BE 4270	D D S 1
HOLMGREN ANTHONY M G MACDONALD COLLEGE 5189 KING EDWARD AVE N D G MONTREAL 29 QUE	HU R 3002	AG AD DIP 1
HOLNESS DONALD EVERSON MACDONALD COLLEGE CHRISTIANA JAMAICA B W I		B SC AGR 1
HOLT PATRICIA ANN ROYAL VICTORIA COLLEGE 176 PARKDALE AVE S HAMILTON ONT	PL 0571	B SC 3
HOLTVED CARL JOHN JOSEPH 4649 HINGSTON AVE N D G MONTREAL QUE	HU R 5754	B ENG 1
HOLTZMAN ANITA CONSTANCE 5865 DECELLES ROAD APT 11 MONTREAL QUE	RE 7 0661	B SC 3
HOLTZMAN DIANE LOVIA 4677 BEACONSFIELD AVE MONTREAL QUE	HU 1 1073	PHYSIOTH 2
HOLWERD MARTIN AUKES 6785 DECELLES AVE APT 1 MONTREAL QUE	RE 7 1798	B ENG 2
HONIG CECILE DORIS 7260 STUART AVE MONTREAL QUE	CR 7 1040	B A 3
HONTZEAS SOTIRIOS 7460 QUERBES ST APT 10 29 FILOPAPOU ST ATHENS GREECE	CR 2 2204	PH D 1
HOOKER LYNDON GEORGE MACDONALD COLLEGE ORMSTOWN STA QUE		B SC AGR 3
HOOVER LLOYD SEYMOUR 3473 UNIVERSITY ST MTL SOUTH PORTAGE ONT		B D 2
HOPKINS HERBERT GEO 1441 DRUMMOND ST MTL R R 2 COWANSVILLE QUE	VI 9 4171	B ENG COM 5
HOPKINS JOYCE PATRICIA MACDONALD COLLEGE 416 FOURTH AVE BOX 63 DOLBEAU QUE		TCH ELEM 1
HOPKINS PAUL FRANCIS 3473 UNIVERSITY ST MTL 227 GLENHOLME AVE MONTREAL QUE	VI 9 4902	B D 2
HOPKINS PEGGY 1208 ST MARK ST MONTREAL QUE	WE 5 8523	
HOPMEYER STANLEY MARCUS 3624 DECARIE BLVD MONTREAL QUE	EL 4589	B COM 3
HOPPENHEIM BEREL HARRY 2497 GOYER ST MONTREAL QUE	RE 7 3872	B SC 3
HOPWOOD HERBERT DAVID A DOUGLAS HALL C O H D HOPWOOD & CO LTD P O BOX 165 KINGSTON JAMAICA B W I	BE 0977	B COM 4
HORAN WILLIAM NICHOLAS 3451 UNIVERSITY ST MTL 33 CASTLE FRANK CRES TORONTO ONT		B SC 2
HORNE DONALD STANLEY M 1201 HOPE AVE APT 109 MONTREAL QUE	WE 3 6832	B SC 1
HORNE GEORGE ROBERT 4115 ESPLANADE AVE MTL 10 DRUMMOND ST PERTH ONT	BE 6814	MED DIPL 1
HORNE JOHN 3431 DRUMMOND ST MONTREAL QUE	VI 9 0243	B COM 2
HORNE SYLVIA JEAN ROYAL VICTORIA COLLEGE 2709 MONTCALM CRESCENT CALGARY ALTA	PL 0526	PHYSIOTH 4
HORNER NANCY J MACDONALD COLLEGE SHAWVILLE QUE		TCH ELEM 1
HOROVITCH RALPH SYDNEY 593 BUCHANAN VILLE ST LAURENT QUE	RI R 7538	B COM 4
HOROVITZ WILLIAM BELA 6115 DE VIMY AVE MONTREAL 8 QUE	RE 3 5258	M A 1
HOROWITZ ISADORE 641 SMART AVE COTE ST LUC MONTREAL 29 QUE	DE 5541	B SC 3
HOROWITZ YIGAL SHALOM 2505 VAN HORNE AVE APT 17 MONTREAL QUE	RE 7 0600	B SC 1
HORSEY HERBERT ANGLIN 3460 WEST BROADWAY AVE MONTREAL 28 QUE	EL 5544	B SC 4
HORSEY MARY ELIZABETH 3460 WEST BROADWAY AVE MONTREAL 28 QUE	EL 5544	B A 4
HORSMAN BRYCE ELDON 1601 GRAHAM BLVD MONTREAL 16 QUE		B ENG CIV 3
HORWOOD BRYDEN WILLIAM 4455 COOLBROOK AVE N D G MONTREAL QUE	EL 2744	B ENG CH 5
HORWOOD ROBERT TEMPLE 3592 UNIVERSITY ST MTL 1415 MAPLE AVE SHAWINIGAN FALLS QUE	PL 2435	B ENG 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
HOSEIN ANDREW ALI 620 PRINCE ARTHUR ST W 27 CORONATION ST ARANJUEZ ESTATE SAN JUAN TRINIDAD B W I	MD CM 2 VI 9 7406
HOSEIN ROBERT WOLSELEY O STUDENT HOUSE 30 EVANS ST CUREPE TRINIDAD B W I	B ENG MCH 3 VI 5 9462
HOUDE BERNARD JOSEPH G H 3618 OXENDEN AVE MTL 77A VICTORIA VALLEYFIELD QUE	B ENG CIV 4 VI 9 7965
HOUDE LOUISE MARTHA 372 CLARKE AVE WESTMOUNT QUE	PHYSIOTH 3 WE 7 4306
HOUDE NORMAND 205 ST GEORGE ST LAPRAIRIE QUE	B COM 1 OL 9 0735
HOUGHLAND DAVID URBAN 423 CHESTER AVE TOWN OF MT ROYAL QUE	B ENG 2 RE 7 6329
HOUGHTON DAVID EDWARD 3434 MCTAVISH ST MTL BOX 210 WINDSOR MILLS QUE	B ENG EL 3 PL 4492
HOUGHTON WILLIAM THOMAS 300 SHERBROOKE ST W MTL 44 BURPEE ST EDMUNDSTON N B	B ENG CH 4 PL 0590
HOULE JEAN LOUIS 11838 DROVART MONTREAL QUE	B C L 1 RI 4 5152
HOURSTON LOUISE ELLEN 5455 DUPUIS AVE MONTREAL QUE	TCH INT 1 RE R 9261
HOUSE SYLVIA ANNE MACDONALD COLLEGE COLLEGE MILITAIRE ROYAL ST JEAN QUE	B SC H EC 4
HOUSTON LORNA BELLE C O MRS W G MILLER 76 BELVEDERE PLACE WSTMT 195 45TH AVE LACHINE QUE	B SC P ED 4 WE 3 5210
HOWARD ALICE VIVIAN BOX 950 MACDONALD COLL 41 WINSTON CIRCLE POINTE CLAIRE QUE	TCH INT 2
HOWARD NANCY ESME BOX 950 MACDONALD COLL 1320 CHAMPIGNY ST VILLE ST LAURENT QUE	TCH INT 2
HOWARD ROBERT MELVYN 471 DE ROUVILLE ST BELOIEL QUE	B SC 1
HOWARTH BARRY ARTHUR DOUGLAS HALL 850 AUSTIN ROAD NEW WESTMINSTER B C	B ENG PHY 4
HOWE JOHN WORCESTER 4889 MONTCLAIR AVE MONTREAL 29 QUE	M ENG 1
HOWITT FRANCIS 1264 ALLARD AVE VERDUN QUE	M ENG 1 PO 9 1737
HOWLAND PETER ARDEN 3466 MCTAVISH ST MTL 282 SCHOLFIELD ROAD ROCHESTER 17 N Y U S A	MD CM 1 AV R 9533
HOWSE JOHN BERESFORD 1336 SHERBROOKE ST W MTL 67 ADAMS ST COOTAMUNDRA N S W AUSTRALIA	B SC 3 PL 5031

NAME ADDRESS	COURSE & YEAR TEL. NO.
HOYT DOROTHY ELIZABETH MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC P ED 1
HRNCHIAR ANDREW 2101 UNIVERSITY ST APT 29 MONTREAL QUE	MD CM 4 AV R 7827
HRYNIOWSKI DANNY BOHDAN 40 8TH AVE MONTREAL 32 QUE	B ENG MCH 4 PO R 7664
HSU JOHN DEREK WEI SHENG 629 PRINCE ARTHUR W MTL 104 TIFFANY APTS 150 DRIVEWAY OTTAWA 4 ONT	MD CM 1 VI 9 0739
HSU LAI SAN 4953 PRINCE ST S S 1 ROXBORO QUE	M S W 1 VI 5 3552
HUANG JAMES HO 3712 JEANNE MANCE ST MTL 4 BROOM ROAD HONG KONG	PARTIAL
HUBAR REUBEN DAVID 5837 MCLYNN AVE MONTREAL 29 QUE	D D S 3 RE 3 2180
HUBERMAN CAROL 772 MCEACHRAN AVE OUTREMONT QUE	B SC 1 CR 9 9496
HUBERMAN MIRIAM 772 MCEACHRAN AVE OUTREMONT QUE	B A 2 CR 9 9496
HUBERT MATYAS 550 MILTON ST MONTREAL QUE	B ENG CIV 3
HUBLEY LILLIAN C MACDONALD COLLEGE 8135 GALIBERT ST MONTREAL QUE	TCH INT 1
HUBSCHER DOREEN JANET 7462 STUART AVE MONTREAL QUE	B A 1 CR 4 4536
HUCKINS CLAIRE ROYAL VICTORIA COLLEGE 36 APPLETON AVE BEVERLY MASS U S A	B SC 4 PL 0147
HUDSON DESMOND FINDLAY 5649 MCLYNN AVE MTL 373 DREAN AVE CHICOUTIMI QUE	B ENG EL 4 RE 3 9076
HUDSON LESLIE CLAIRE ROYAL VICTORIA COLLEGE 131 PORTLEDGE AVE MONCTON N B	PHYSIOTH 2
HUGGARD RICHARD JAMES MACDONALD COLLEGE NORTON KINGS CO N B	B SC AGR 4
HUGHES DOUGLAS IRA 4110 MADISON AVE MONTREAL 28 QUE	B ENG 2 EL 4400
HUGHES JOHN EMLYN 3462 SHUTER ST MTL 2505 MARGATE AVE OAK BAY VICTORIA B C	PH D 3
HUGHES KATHRYN ANNE 760 43RD AVE LACHINE QUE	PHYSIOTH 2 ME 7 8889
HUGHES ROLLIN WILLIAM 3621 LORNE CRESCENT MTL 5343 NORTH 16TH ST PHILADELPHIA PA U S A	MD CM 4 BE 6086
HULL BARRY GORDON 369 MORRISON AVE TOWN OF MT ROYAL QUE	B ENG 1 RE R 4415
HULL PATRICIA MARJORIE 369 MORRISON AVE TOWN OF MT ROYAL QUE	B SC 4 RE R 4415

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
HUMPHRYS GRAHAM 3422 DUROCHER ST APT 4 MONTREAL QUE	M A 2 VI 9 3347
HUNGERFORD MARILYN BERYL 142 BROUGHTON RD MONTREAL WEST QUE	PHYSIOTH 2 EL 4767
HUNGERFORD STEWART JOHN 142 BROUGHTON AVE MONTREAL WEST QUE	B ENG MET 3 EL 4767
HUNTER CHARLES GRANT 5245 COTE ST CATHERINE APT 14 MTL 645 WELLER ST PETERBOROUGH ONT	B COM 2 RE 7 3567
HUNTER MARY JUDITH ROYAL VICTORIA COLLEGE 2714 MARQUETTE ST CALGARY ALTA	B SC 2 PL 0829
HUNTER NANCY LORRAINE ROYAL VICTORIA COLLEGE 136 THE KINGSWAY TORONTO 18 ONT	B A 4 PL 0477
HUNTER ROBERT GORDON 4871 PATRICIA AVE MONTREAL QUE	B ENG PWR 5 HU 1 5772
HUNTER TYNE ELIZABETH MACDONALD COLLEGE 136 MOORE PARK AVE WILLOWDALE ONT	B SC H EC 1
HUNTING CARLTON GLYN DOUGLAS HALL C O CIA SHELL DE VENEZUELA CARACAS VENEZUELA	B ENG 1
HURLEY JOSEPH EDWARD 525 LANSDOWNE AVE WESTMOUNT QUE	B ENG CH 4 WE 2 0062
HURRELL PHYLLIS 14 ST ANNE ST STE ANNE DE BELLEVUE 4151 COLONIAL AVE MONTREAL QUE	TCH ELEM 1
HURWITZ ALFRED ISAAC 755 BLOOMFIELD AVE APT 3 OUTREMONT QUE	B SC 1 CH 1 8160
HUSARUK VLADIMIR 7140 9TH AVE MONTREAL 38 QUE	PARTIAL
HUTCHINGS ARLENE MARY 47 BROADVIEW AVE VALOIS QUE	B SC H ED 1 OX 7 0698
HUTCHINSON ALAN APT C 19 MACDONALD COLLEGE QUE	B ENG CH 4
HUTCHINSON ALECK BOX 195 MACDONALD COLLEGE MORDEN MAN	PH D 4
HUTCHINSON OVERTON C 2066 MANSFIELD ST MTL SAVANWA LA MAR JAMAICA B W	B SC 2 PL 0853
HUTCHISON JAMES LAWRENCE 40 ANWOTH ROAD WESTMOUNT QUE	MED DIPL 4 WE 7 6011
HUTCHISON JAMES WILLIAM 1485 MCTAVISH ST MTL P O BOX 77 DESCHENES QUE	H A 3
HUTCHISON JOHN DENNIS 820 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ENG 2
HUTCHISON ROBERT ANDREW 764 UPPER LANSDOWNE AVE MONTREAL QUE	B A 2 EL 1807
HUTCHISON WILLIAM GEORGE 3482 MCTAVISH ST MTL 14 EDENBRIDGE DRIVE TORONTO 18 ONT	B ENG EL 3 PL 1674
HUTTON FREDERICK ARTHUR 621 PRINCE ARTHUR ST MTL 1190 TERRILL ROAD SCOTCH PLAINS N J U S A	MD CM 4
HUTTON HARVEY JONATHAN 2054 SHERBROOKE ST WEST APT 6 MONTREAL QUE	B ENG MI 3
HUTTON LILIAN KINGS COUNTY HOSPITAL SEATTLE 4 WASH U S A	MED DIPL 3
HUXLEY JOHN ALFRED R 3482 MCTAVISH ST MTL 23 RIDGELAND CIRCLE WALLINGFORD CONN U S A	B COM 4 PL 1674
HYDE CLARKE TANEDA DAWN 930 44TH AVE LACHINE QUE	B SC 1 ME 7 4728
HYDE PETER BERNARD MILLER 5066 TRAFALGAR AVE MONTREAL QUE	B A 1 WE 2 2785
HYDER SYED SALAHUDDIN ROOM 271 DEPT OF MECHANICAL ENGINEERING 3630 HUTCHISON ST APT 9 MONTREAL QUE	M ENG 2
HYKAWY JOHN 2218 PAPINEAU ST V JACQUES CARTIER QUE	B SC 1 OR 7 1618
HYMAN WILLIAM RUSSELL DOUGLAS HALL 423 QUEBEC ST SHERBROOKE QUE	B ENG COM 5
HYMER BENNETT BERNARD 5420 PEEL ST MTL 5480 DECELLES AVE MONTREAL QUE	B A 3 RE 7812
HYNDMAN JANET MCCRAE ROYAL VICTORIA COLLEGE 514 ELBOW DRIVE CALGARY ALTA	B A 2
HYNDMAN MARTHA ELIZABETH MACDONALD COLLEGE KEMPTVILLE ONT	B SC H EC 1
HYNDMAN WILLIAM WESLEY B 62 HANDFIELD CIRCLE DORVAL QUE	MED DIPL 5 ME 1 0554
HYRCHA MICHAEL 7141 15TH AVE VILLE ST MICHEL QUE	B COM 3 RA 2 9946

I

IANCO ANITA DENISE 2360 FULTON ROAD TOWN OF MT ROYAL QUE	B A 2 RE 1 5286
IBRAHIM AYODELE 904 SHERBROOKE ST W MTL 25 DADDY ALAJA ST LAGOS NIGERIA	B ENG CIV 3 VI 9 0887
ICHIYEN HENRY MINORU 184 DOMVILLE ST CROYDON QUE	B ENG 2 OR 6 2767
IGNATIEFF MIKIA V ROYAL VICTORIA COLLEGE RICHMOND QUE	B A 2 PL 0829
IKEGAMI AUDREY KOTOYO MACDONALD COLLEGE 6530 LEMAY ST MONTREAL 36 QUE	B SC H EC 4

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
IKEGAMI JANET MISUE 6530 LEMAY ST MONTREAL 36 QUE	TCH INT 1 CL 5 942H
ILIESCU CONSTANTINE R DONNER BUILDING 4391 MELROSE AVE N D G MONTREAL QUE	M SC 1 PL 9451
IMAI GORDON SHOZU 1135 AMHERST SQUARE MONTREAL QUE	LA 4 1594
IMISON HELEN MURIEL P O BOX 98 SHAWVILLE QUE	TCH INT 1
ING GIME 3615 CITY HALL AVE MTL 1A KING ST W COBOURG ONT	B ENG 2 AV A 0571
INGHAM CHRISTOPHER JOHN 300 GRAHAM BLVD APT 307 TOWN OF MT ROYAL QUE	B COM 4 RE 7 4710
INGLIS FREDERIC GRAHAM 5546 GATINEAU AVE APT 1 2A BLOOMINGDALE TER HALIFAX N S	MED DIPL 3 RE 3 8568
INGRAHAM GEORGE WILLIAM 4800 COTE DES NEIGES MTL 1087 ASHMOUNT AVE OAKLAND 10 CALIF U S A	MD CM 1 AV A 8103
INGRAM JORDAN MILES MACDONALD COLLEGE RR1 RIDDELL AVE OTTAWA ONTARIO	B SC AGR 3
INNES BRUCE JEREMY M 3524 DUROCHER ST APT 1 5705 ROLAND AVE BALTIMORE 10 MD U S A	MD CM 2
INNES FRANK CECIL DOUGLAS HALL ZARIA 16 MYLNE AVE DOLLAR CLACKMANNANSHIRE SCOTLAND	M A 1 AV A 9794
INNES MARJORIE JEAN 589 BRIXTON AVE ST LAMBERT QUE	B A 4
INOUYE LORRAINE TOMIYO 6835 ELEVENTH AVE MONTREAL 36 QUE	B SC 1 RA 2 8072
IRONY DONNA LORRAINE 5590 VICTORIA AVE MONTREAL QUE	B A 3 RE 3 6923
IRVIN JOSEPH SEDLEY DOUGLAS HALL 456 BUENA VISTA ROAD ROCKCLIFFE PARK OTTAWA ONT	B A 2 BE 6423
IRVING COLIN KIRKLAND 3410 ATWATER AVE MONTREAL QUE	B C L 3 WE 2 7226
IRVING WILLIAM RALPH 394 WASHINGTON ST GLOUCESTER MASS U S A	MD CM 4
IRWIN DOROTHY JUNE 3737 HUTCHISON ST APT 5 WEST FRONT CORNWALL ONT	MD CM 1 VI 9 6796
IRWIN FREDERICK WILLIAM 461 STANSTEAD CRESCENT MONTREAL 16 QUE	B ENG MET 5 RE A 1571
ISAAC FENOT SELAM ROYAL VICTORIA COLLEGE UNIVERSITY COLLEGE P O BOX 399 ADDIS ABEBA ETHIOPIA	B A 3 VI 9 0120
ISAACS ISRAEL DAVID 1280 PINE AVE W MTL 40 COBURG ST SAINT JOHN N B	B A 3 PL 9451
ISAACS RICHARD ALEXANDER 69 OLIVER AVE CHATEAUGUAY HIGHTS QUE	B SC 1 OL 7 6140
ISAACSON ARNOLD HENRY 5842 HUDSON ROAD MONTREAL QUE	B A 3 RE 7 6406
ISRISTER EARL GLEN 3480 SHUTER ST MTL 333 BILLINGS AVE OTTAWA ONT	MD CM 4 BE 7330
ISLEIFSSON GISLI G 1242 CRESCENT ST APT 12 ARAGATA 9 REYKJAVIK ICELAND	L L M 1 UN 1 6435
ISRAEL ALLAN STEPHEN 3606 THE BOULEVARD WESTMOUNT QUE	B SC 2 WE 5 2976
ISRAEL ARLENE RUTH 4727 THE BOULEVARD WESTMOUNT QUE	B A 3 HU A 0736
ISRAEL GERALDINE GISSA 23 MAPLE AVE STE ANNE DE BELLEVUE 5581 BRADFORD PLACE MONTREAL QUE	TCH ELEM 1
ITOVITCH MARILYN PERRAULT AVE STE ANNE DE BELLEVUE 2475 VAN HORNE AVE APT 19 MONTREAL QUE	TCH ELEM 1
IVAN SMITH ANTONY WILSON HALL 30 WILTON PLACE LONDON S W 1 ENGLAND	B SC 1
IVANIER SYDNEY SEVERIN 5392 CAVENDISH BLVD MONTREAL QUE	B ENG MCH 4 DE 4810
IVER PRUDENCE ELISE ROYAL VICTORIA COLLEGE 4 KENDAL RD MANDEVILLE JAMAICA B W I	B SC 2 PL 0495
IVTICONE ELPIDIO ROBERT 7243 VERRI ST MONTREAL QUE	B C L 1 CR 6 5672
IZENBERG SARAH 5275 ROSEDALE AVE MTL 457 NORTH ST BURLINGTON VT U S A	TCH ELEM 1 HU 1 9042

J

JACK KENNETH ALEXANDER 578 SENECAL ST VILLE LA SALLE QUE	B ENG 1 PO 7 0579
JACKSON ANN GWENDOLYN 365 GLENGARRY AVE TOWN OF MT ROYAL QUE	B SC N 1 RE 3 4444
JACKSON CHARLES IAN 3485 UNIVERSITY ST MTL 782 KING LANE LEEDS U K	M SC 2 PL 4649
JACKSON GARTH DIGBY 5490 DECARIE BLVD APT 3 525 HATLEY ST MAGOG QUE	PH D 4 HU 9 1340
JACKSON PAULINE MARGARET 10 PARKDALE AVE VALOIS QUE	B A 1 OX 5 4416
JACKSON SYLVIA MAY 1H ALLIANCE AVE SARAGUAY QUE	B A 1 RI 7 3842
JACOBOVITS LEON 1320 BERNARD AVE W MONTREAL QUE	B A 3 CR 1 5994

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
JACOBS BETH CAROLYN 420 LANSDOWNE AVE WESTMOUNT QUE	B A 3
JACOBS GERTRUDE MARIE T 2171 ST CATHERINE ST W APT 7 MONTREAL QUE	GR N CERT 1 WE 2 7802
JACOBS HARRIET STEPHANIE 5152 WESTBURY AVE MONTREAL QUE	B A 4 HU 9 4452
JACOBS LEONARD ROSS 1660 SICARD AVE MONTREAL 4 QUE	B A 1 CL 9 7260
JACOBSEN KATHRYN LOUISE MACDONALD COLLEGE 29 PREFONTAINE AVE STE AGATHE DES MONTS QUE	TCH INT 1
JACOBSEN MARIAN ELIZABETH ROYAL VICTORIA COLLEGE 3515 AV REBOUCAS SAO PAULO BRAZIL	B A 2 PL 0334
JACOBSEN PATRICIA ANNE 3424 PEEL ST APT 18 MONTREAL 2 QUE	PARTIAL AV 8 4530
JACOBSON NAOMI MIRIAM ROYAL VICTORIA COLLEGE 78 HAMILTON AVE HAVERHILL MASS U S A	B A 3 PL 0334
JACOBSON SAMUEL 6286 DEACON RD MONTREAL QUE	PARTIAL RE 7 3096
JACOBSON STEPHEN 5358 BRODEUR AVE MONTREAL QUE	B ENG 1 EL 6042
JACQUES ROBERT ARTHUR 3778 MARLOWE AVE MONTREAL QUE	B C L 1 EL 3220
JAEGGIN KENNETH W J 3829 GIROUARD AVE MONTREAL QUE	B ARCH 5 EL 7105
JAIN ABIR CHANDRA BOX 19 MACDONALD COLLEGE VILLAGE AND P O TADA DIST SAGAR M P INDIA	PH D 3
JAKSI STEVE PAUL 2711 46TH ST TRACY SOREL QUE	B ENG 2
JAMES FRANCIS CLARK J BRITTAIN HALL MTL 79 ST GENEVIEVE HILL QUEBEC CITY QUE	B SC P ED 1
JAMES MALLEN SHEA DOUGLAS HALL 99 LODGE ST MANCHESTER N H U S A	MD CM 1
JAMES PATRICIA ROSE MACDONALD COLLEGE 1200 PINE AVE MONTREAL QUE	B SC H EC 4
JAMIESON CONSTANCE V Y W C A DORCHESTER ST 7 MALL PLAZA APTS WINNIPEG MANITOBA	B A 2
JANCO STEVE CLAUDE 1555 SUMMERHILL AVE MONTREAL QUE	B ENG CIV 4 WE 7 4127
JANE MARGARET FRANCES 6 HOLMDALE ROAD MONTREAL QUE	PHYSIOTH 2 DE 8647
JANES JAMES PAUL 484 PRINCE ARTHUR ST W 1290 1 2 S COCHRAN AVE LOS ANGELES CALIF U S A	MD CM 4 VI 9 0677
JANES RALPH PAUL BLACKSHEEP RICHFORD R F D 1 VERMONT U S A	B A 3
JANSEN STANLEY ORMAN 258 SHERBROOKE ST W MTL BOX 722 YORKTON SASK	D D S 1 VI 9 0714
JAPP ROBERT D 3580 VENDOME AVE MONTREAL 28 QUE	B ENG CIV 3 EL 9004
JARAND MARY LOUISE MACDONALD COLLEGE 98 14TH AVE ST EUSTACHE SUR LE LAC QUEBEC	EDUCATION 1
JARDINE MARGARET CAROLINE 3480 ONTARIO AVE MTL 20 BRIGHTON ROAD CHARLOTTETOWN P E I	PHYSIOTH 3
JARED ALBERT ALLAN C O LAKEVIEW CEMETERY 200 PTE CLAIRE AVE POINTE CLAIRE QUE	B SC 3
JARRETTE NEIL MARTYN HARRISON HOUSE MACDONALD COLLEGE 59 MORNE COCO ROAD DIEGO MARTIN TRINIDAD B W I	M A 2
JARRY JEAN MAURICE C M R ST JEAN QUE	M SC 1
JASMIN JEAN PIERRE 814 BUCHANAN ST VILLE ST LAURENT QUE	B C L 3 RI 7 2703
JASTRZEBSKI ZYGMUNT M 2767 MAPLEWOOD AVE APT 402 MONTREAL QUE	B SC 1 RE 1 1635
JAUGELIS ALDONA ONA 1318 ROLLAND AVE VERDUN QUE	D D S 3 PO H 8096
JAUREGUI JOHN GARY 3495 RIDGEWOOD AVE APT 102 MTL 1001 CATALINA BLVD SAN DIEGO 7 CALIF U S A	MD CM 2 RE 3 0577
JAVORNIK MARION 2321 MELROSE AVE MONTREAL 28 QUE	B L S 1 EL 5151
JAVOSKY RUDOLPH VALENTINE 3508 DUROCHER ST MTL R R 4 ST CATHARINES ONT	B ARCH 2 VI 9 4352
JAWORNICKI WALTER IGNACE 378 PRINCE ARTHUR ST W MONTREAL QUE	B ENG 2 BE 7567
JAY ALFRED WANG LEUNG 3577 LORNE AVE APT 3 MTL 9 LA SALLE ROAD KOWLOON HONG KONG	B ENG 2 AV 8 3985
JAY JULIANA MARGUERITE W 3577 LORNE AVE APT 3 MTL 9 LA SALLE ROAD KOWLOON HONG KONG	B A 1 AV 8 3985
JAYANETTI EDWIN BOX 86 MACDONALD COLLEGE 98 TURRET ROAD COLOMBO 7 CEYLON	PH D 3
JAYLANI TEDJANINGSIH 3577 LORNE AVE APT 4 MTL TJITEUREUP 441 SINGAPARNA TASIKMALAJA	M A 2 BE 5346

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
JAYLANI TIMUR 3577 LORNE AVE APT 4 MTL DJ MARGAKRIDANGGA 16 JOGJAKARTA INDONESIA	M A 2 BE 5346
JEDEIKIN LEON 3803 THE BOULEVARD WESTMOUNT QUE	B C L 1 HU 8 7272
JEFFERS HUGH FREDERICK M MACDONALD COLLEGE QUE	B SC AGR 4
JEFFERY WILLIAM GORDON 4385 WESTERN AVE MONTREAL 6 QUE	PH D 3 WE 3 0928
JEFFREY GEORGE IVAN C MACDONALD COLLEGE SANDY COVE DIGBY CO N S	B SC AGR 4
JELLINEK THOMAS ERWIN 621 GILBON ST MONTREAL QUE	B SC 2 PL 3736
JELLINEK TOMMY JOHN 3609 UNIVERSITY ST MONTREAL QUE	M SC 1 AV 8 6307
JENKINS JOHN TREVOR 5843 7TH AVE MONTREAL 36 QUE	PH D 3 RA 2 9600
JENKINS SHARON ANNE 145 DOBIE AVE TOWN OF MT ROYAL QUE	PHYSIOTH 4 RE 3 2941
JENNEY HUGH EDWARD 3429 PEEL ST MTL 372 LAKESHORE HWY W OAKVILLE ONT	B A 1 PL 7385
JENNINGS MARGARET ROSE BOX 950 MACDONALD COLL 5960 5TH AVE MONTREAL 36 QUE	TCH INT 2
JEPHCOTT JAMES ROBERT PO BOX 132 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
JEPSEN ANDERS FREDRICK M 1978 ST GERMAIN VILLE ST LAURENT QUE	B SC 3 RI 7 1980
JEPSON JOANNE HOPE 3601 UNIVERSITY ST MTL 100 FONT BLVD SAN FRANCISCO CALIFORNIA U S A	MD CM 3 BE 0046
JERLIS WILLIAM HORACE 548 PRINCE ARTHUR ST W 319 BLACK HAWK DRIVE PART FOREST ILL U S A	MD CM 1 PL 0877
JEROME MARYSE ELIZABETH ROYAL VICTORIA COLLEGE 6 WILLIAM ST CORNWALL ONT	B SC 3 PL 0571
JESSOP BARBARA ELLEN 24 JASPER AVE TOWN OF MT ROYAL QUE	B SC 2 RE 7 1790
JESSOP DAVID CARLTON 24 JASPER AVE TOWN OF MT ROYAL QUE	B SC 1 RE 7 1790
JETTE OMAR 5209 DUROCHER ST APT 30 OUTREMONT QUE	B ENG 2 CR 9 6912
JEWETT STEPHEN DONALD 4224 ROYAL AVE MONTREAL 28 QUE	B ENG 2 DE 3827
JINNOUCHI DONALD M 862 SHERBROOKE ST E MTL 718 SO BOUNDARY RD VANCOUVER B C	D D S 3
JOBA JOSEPH LESLIE 3484 DUROCHER ST APT 209 MONTREAL QUE	M SC 1
JOBA JUDITH CLAIRE 3484 DUROCHER ST APT 209 MONTREAL QUE	M SC 1
JOBES FRANK ALEXANDER APT B 1 MACDONALD COLLEGE QUE	B ENG MET 3
JOHNS DAVID GARRETT 3440 PEEL ST APT 11 2969 W 29TH ST VANCOUVER B C	MD CM 4
JOHNS ERNEST CHRISTOPHER 4408 KING EDWARD AVE MONTREAL QUE	B ENG CIV 3 HU 1 1586
JOHNSON ALAN ARTHUR MAIN ROAD COMO QUE	B ENG 1
JOHNSON ANNE DOUGLAS 726 UPPER LANSDOWNE AVE WESTMOUNT QUE	M S W 1 HU 1 2645
JOHNSON CARLA ANNE ROYAL VICTORIA COLLEGE 277 WASHINGTON ST GLOUCESTER MASSACHUSETTS U S A	B SC 2 PL 0147
JOHNSON CASWELL LEWINGTON 764 ST MARTIN ST MONTREAL QUE	B A 2 WE 2 4870
JOHNSON ERIC MICHAEL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 3
JOHNSON ERNEST C 3637 UNIVERSITY ST MTL 14 HILLWAY TRANMERE PARC QUISELEY YORKSHIRE ENG	B COM 4 VI 9 1736
JOHNSON GLADREL EVERTON O 3561 LORNE AVE MONTREAL QUE	B COM 3 VI 5 8667
JOHNSON HAROLD DESMOND DOUGLAS HALL ELLANGOWAN BARBADOS B W I ST JOSEPH	MD CM 2
JOHNSON JOHN CHARLES T 3445 PEEL ST MTL 41 ST JOHN BLVD CHATEAUGUAY STN QUE	B ED 4 VI 5 9462
JOHNSON ROBERT HOWARD 522 MITCHELL AVE TOWN OF MT ROYAL QUE	B SC 4 RE 8 2618
JOHNSON SHEILA CATHERINE 2100 CLAREMONT AVE APT 4 BURDETT ALTA	GR N CERT 1 HU 9 3646
JOHNSON THOMAS ARTHUR 3445 COTE DES NEIGES RD APT 405 MTL 130 SOUTH PROSPECT ST ROCKFORD ILL U S A	MED DIPL 5 WE 3 5523
JOHNSTON ALISON MARY 102 DUFFERIN RD HAMPSTEAD QUE	B A 2 HU 1 6190
JOHNSTON DAVID THOMAS 316 MONMOUTH AVE TOWN OF MT ROYAL QUE	B ENG 1 RE 7 6366
JOHNSTON DONALD ARTHUR MACDONALD COLLEGE KINGSBURY QUE	AG AD DIP 1
JOHNSTON DONALD JAMES 2033 STANLEY ST MTL 3550 RIDGEWOOD AVE MONTREAL QUE	B C L 3
JOHNSTON DOUGLAS MILLAR 1592 PINE AVE APT 63 MTL 25 WINDSOR ST DUNDEE SCOTLAND	M C L 1 WE 3 0779

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
JOHNSTON EDWARD STEPHEN 3450 DRUMMOND ST MTL 30 SUTTON PL NEW YORK N Y U S A	B COM 1 VI 9 6747
JOHNSTON IAN COURTENAY 3605 RIDGEWOOD AVE APT 306 MONTREAL 26 QUE	B SC 3 RE 3 7305
JOHNSTON MURRAY ANNABLE MACDONALD COLLEGE WINCHESTER ONT	B SC AGR 3
JOHNSTON NEIL VAN 3610 DUROCHER ST APT 18 1664 LEE ROAD CLEVELAND HEIGHTS OHIO U S A	MD CM 1 VI 9 4479
JOHNSTON NORMA ELIZABETH 3640 HUTCHISON ST APT 3 MONTREAL QUE	M L S 2
JOHNSTON SUZANNE LOUISE M 4566 OXFORD AVE MONTREAL 28 QUE	B SC 4 DE 9504
JOHNSTONE PETER DOUGLAS 824 51ST AVE LACHINE QUE	B ENG 1 ME 7 0869
JOLICOEUR JEAN JOSEPH P 11870 VALMONT ST MONTREAL QUE	B ENG 2 RI 7 7019
JOLLEY EDWIN HILL 3600 UNIVERSITY ST 7105 27TH ST SOUTH BEND IND U S A	PARTIAL
JOLLIFFE THAYER WILLIAM R 540 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ENG 1 RE H 1973
JOMM ENN 12087 SOMERSET RD MONTREAL 9 QUE	B SC 2 RI R 7638
JONAS ANITA JOSEPHINE 401 COTE ST CATHERINE RD OUTREMONT QUE	B A 3 CR 7 2793
JONES BARBARA MARY ROYAL VICTORIA COLLEGE ROCKY RIDGE HARRINGTON SOUND BERMUDA	B A 2 VI 9 0120
JONES BRYAN ROSS 1485 PREFONTAINE ST MONTREAL QUE	B A 4 LA 4 1304
JONES CATHERINE ANNE 15 CARTIER AVE APT 3 POINTE CLAIRE QUE	EDUCATION 1
JONES CECIL 1441 DRUMMOND ST 2715 W MAGAZINE ST LOUISVILLE 11 KENTUCKY U S A	B SC 4
JONES EMMY ANTONIA 40 QUEENS ROAD VALOIS QUE	B ENG 1 OX 5 3586
JONES GRAHAM ALFRED P O BOX 68 MACDONALD COLLEGE 43 STRAHAVEN ROAD LONDON S E 12 ENGLAND	M SC 1
JONES GRAHAM ARTHUR 301 MELROSE AVE VERDUN QUE	B SC 3 PO 6 3178
JONES GRETA LORAINE 902 RICHMOND SQUARE MTL FORE BRIDGE PEMBROKE WEST BERMUDA	MUS B 2 WE 2 1067
JONES JAMES AUGUSTUS 1221 OSBORNE ST MTL 206 E 33RD ST HALTIMORE MD U S A	M S W 1 UN 6 0296
JONES JUDITH ANN MACDONALD COLLEGE 185 HEBERT ST VILLE ST LAURENT QUE	B SC H EC 2
JONES KENNETH JOSEPH GEOGRAPHY DEPT MCGILL 2011 MANSFIELD ST CHALFONTE APT 38 MONTREAL QUE	M A 2 AV R 6621
JONES NANCY ELIZABETH ROYAL VICTORIA COLLEGE 13 PLEASANT ST PENACOOK N H U S A	B SC 1 PL 0571
JONES NORMAN RICHARD R R NO 1 242 5TH AVE ILE PERROT N QUE	B ENG MCH 4
JONES PATRICK HOWARD 39 THORNHILL AVE MTL 7A NORTH ROAD STEVENAGE HERTS ENGLAND	PARTIAL
JONES PETER OWEN 174 VERCHERES ST GREENFIELD PARK QUE	B SC 2
JONES PHILIP FREDERICK DOUGLAS HALL MELROSE 5 THE RISE SLANISHEN CARDIFF WALES U K	B COM 2 RE 0977
JONES RONALD GEORGE 10632 GRANDE ALLEE MONTREAL 12 QUE	D D S 4 DU H 4674
JONES RONALD WILLIAM K 3851 UNIVERSITY ST MTL 148 BOWIE AVE TORONTO ONT	B A 4
JOOS IRMA 130 AVE KENASTON TOWN OF MT ROYAL QUE	M A 2 RE 9 1370
JORDAN ROBERT HENRY 169 GREEN ST ST LAMBERT QUE	MD CM 4 OR 1 4317
JOSEPH ALAN EDWARD 3500 HUTCHISON ST APT 30 178 03 114TH ROAD JAMAICA 34 N Y U S A	MD CM 1 AV R 0404
JOSEPH JOAN JUDITH 205 EDGEHILL ROAD WESTMOUNT QUE	B A 4 EL 1026
JOSEPH ROBERT JAMES 148 COTE ST ANTOINE ROAD 108 CAROLINE ST FORT WILLIAM ONT	B ENG 2 WE 5 9012
JOSEPH SARA ETHEL ROYAL VICTORIA COLLEGE 1 PARK PLACE ST CATHERINES ONT	B A 1 PL 0571
JOUBERT EVAN REED MACDONALD COLLEGE 19 FREDERIKSTRAAT CURACAO N A	B SC AGR 4
JOURNEAU LORNA MACDONALD COLLEGE PORT DANIEL WEST QUE	TCH ELEM 1
JOURNEAUX HOWAITH DEAN PORT DANIEL STA CO BONA QUE	B ENG MI 3
JOVART CLAUDE PHILPPE P O BOX 36 MACDONALD COLLEGE QUE	B SC AGR 4
JOYAL LAURENT 3432 HUTCHISON ST MTL 471 BROCK ST DRUMMONDVILLE QUE	B ARCH 3 AV R 6488

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
JOYAL MICHEL 3432 HUTCHISON ST MTL 471 BROCK ST DRUMMONDVILLE QUE	B ENG CIV 3 AV 8 6488
JUBIEN MARGARET ANN MACDONALD COLLEGE 124 VIVIAN AVE TOWN OF MT ROYAL QUE	TCH INT 1
JUCEVICIUS FELIKSAS 5030 ST DOMINIQUE ST MONTREAL 14 QUE	PARTIAL CR 1 0943
JUE BRUCE 314 GROSVENOR AVE WESTMOUNT QUE	B ENG MET 5 DE 4097
JURKUS RIMANTAS ALBINAS 1451 CRAWFORD BRIDGE AVE VERDUN QUE	B SC 3 PO 7 4280
JYOTI VIJAY KUMAR 2065 MCGILL COLLEGE AVE APT 3 MONTREAL QUE	B ENG 2

K

NAME ADDRESS	COURSE & YEAR TEL. NO.
KAAL HANS 1554 PINE AVE W MONTREAL QUE	M A 2 WE 7 7091
KABAYAMA JOAN ELEANOR R R 1 OKA QUE	M A 4
KADANOFF NORMAN 2217 BARCLAY AVE MONTREAL QUE	B ENG 1
KADER JERUZALSKI FRED 2225 BEDFORD ROAD MONTREAL QUE	B SC 2 RE 3 8933
KADOWAKI ROBERT SHIGERU 6645 13TH AVE MONTREAL 36 QUE	PARTIAL RA 1 9361
KAHN ASHER 5620 PARK AVE APT 3 MONTREAL QUE	B C L 2 CR 2 4148
KAHR PATRICIA 1537 ST MATHIEU ST MTL R R 1 MISSION CITY B C	GR N CERT 2 WE 5 0987
KAIL ALEXANDRA MIROSLAVA 5555 ALPINE AVE MONTREAL QUE	MD CM 1 HU 8 5272
KAIN ALBERT 2650 ST ANTOINE ST W MTL P O B 133 POST OFFICE 0700 MONTREAL QUE	B COM 2
KAISER PAUL LEON 4828 VICTORIA AVE MONTREAL QUE	B COM 4 HU 1 6371
KALAN JOHN SILVESTER 100 STANLEY AVE VILLE ST PIERRE QUE	B ENG 1 DE 7087
KALAU FREDERICK ALEXANDER 40 LINWOOD CRESCENT MONTREAL 16 QUE	B ENG 1 RE 7 1664
KALAU RICHARD GEORGE O 40 LINWOOD CRESCENT TOWN OF MT ROYAL QUE	A ENG MCH 4 RE 7 1664
KALIFON CECILE 2767 MAPLEWOOD AVE MONTREAL 26 QUE	B A 2 RE 3 3014
KALIL RICHARD DAVID 10212 D AUTEIL BLVD MTL 303 SYDNEY ST CORNWALL ONT	B COM 1 DU 8 8651
KALMANOVITCH SYLVIA 5712 ST URBAIN ST MONTREAL QUE	B A 2 CR 6 8931
KALNINS JAKAB V 3015 BARCLAY AVE APT 7 MONTREAL QUE	MED DIPL 2 RE 3 0616
KALNINS VIESTURS 3280 MACKAY ST MACKAYVILLE QUE	B SC 4 OR 1 9785
KALOMIRIS CONSTANTINOS 3453 CITY HALL AVE MTL DEMIRION TEGEA TRIPOLIS GREECE	B SC 1
KAMALI SABIB AHMAD 620 PRINCE ARTHUR ST W MAULVI TOLA BUDAUN U P INDIA	PH D 4 VI 5 1633
KAMAY DEBORAH 2147 BEDFORD RD MONTREAL QUE	B SC 4 RE 7 5557
KAMBOURIAN GEORGE STEPHEN 1570 PINE AVE W MONTREAL QUE	MED DIPL 1
KAMINSKY ELEANOR 4682 KENT AVE MONTREAL QUE	B A 3 RE 7 8902
KAMMERMAYER DONALD ROBERT 3482 MCTAVISH ST MTL LANGENBURG SASK	B SC 2 PL 1674
KANAKIS NICHOLAS 5400 DECELLES AVE APT 16 MONTREAL QUE	B ENG MCH 5 RE 3 3201
KANEEN BRIAN DOUGLAS WILSON HALL WOODLANDS FOUR ROADS PORT ST MARY ISLE OF MAN BRITISH ISLES	B A 3 BE 0624
KANGUR KERSTI 525 VIAU ST APT 6 MONTREAL QUE	B A 4 CL 5 7449
KANIGSBERG SHERRILL B 46A PERRULT AVE 4342 WILSON AVE N D G MONTREAL QUE	TCH ELEM 1
KANTTI HARRY 1543 ST ANTOINE ST MONTREAL QUE	B ARCH 6
KAPLAN LEONARD MARTIN 3820 CLARK ST MONTREAL QUE	B ENG 2 AV 8 5675
KAPLOW DAHLIA 7080 CHESTER AVE MONTREAL QUE	B A 4 HU 8 2014
KAPPEL JOHN JAMES 46 WISHMAN ST KIRKLAND LAKE ONT	B ENG 1
KAPUSTA MORTON ALLAN 4615 MICHEL BIBAUD ST MONTREAL QUE	MD CM 3 RE 7 4829
KAPUSTA RONALD 4615 MICHEL BIBAUD ST MONTREAL QUE	MD CM 2 RE 7 4829
KARAM JOSEPH GEORGE 2500 COTE ST CATHERINE MONTREAL 26 QUE	B A 1 RE 8 2784
KARDOS GEZA 804 51ST AVE LACHINE QUE	M ENG 2 ME 7 3810
KARDOS ROBERT 3201 FOREST HILL AVE APT 27 MONTREAL QUE	B ARCH 3 RE 3 9270
KARMAN FRANK 1541 MACKAY ST MONTREAL QUE	M ENG 5 PL 0182

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KARPISHKA IRENE SOPHIE 823 WILLIBRORD AVE VERDUN QUE	PARTIAL PO 9 3035
KARPMAN DANIEL 922 WILDER AVE MONTREAL QUE	B A 3 RE 8 4928
KARPOWICZ HELEN ANN JULIA 7960 DES ECORES ST MONTREAL 35 QUE	B SC 1 RA 2 9125
KARPOWICZ MARY S 2671 GASCON AVE MONTREAL 24 QUE	B SC 2 LA 5 6486
KARRYS HELEN JAMES ROYAL VICTORIA COLLEGE 127 RENFREW AVE OTTAWA ONT	B COM 3 VI 9 0120
KARWOWSKI ZBIGNIEW TYTUS 7782 DE MARILLAC ST MONTREAL 5 QUE	B ENG MCH 4 CL 6 2708
KASAK HELGI 4816 WILSON AVE MONTREAL QUE	B SC 2 DE 8845
KASENO SOEPRAPTI SRI I ROYAL VICTORIA COLLEGE 16 JUDISTIRA SEMARANG INDONESIA	B SC 3 VI 9 0858
KASHTAN RHODA 760 QUERBES AVE OUTREMONT QUE	PHYSIOTH 3 CR 7 2650
KASNER MARVIN 6235 DEVIMY AVE MONTREAL QUE	B COM 3 RE 8 5963
KASPER KATHLEEN MARY 2239 GIROUARD AVE N D G MONTREAL QUE	MUS B 1 HU 8 5980
KASPER STEPHANIE MAUREEN 2239 GIROUARD AVE N D G MONTREAL QUE	B SC 3 HU 8 5980
KASTNER MICHAEL MARTIN 3483 PEEL ST MTL 1014 CHAUMONT AVE QUEBEC CITY QUE	B A 2 VI 9 9014
KATADOTIS PETER ROBERT 6147 DUROCHER AVE MONTREAL 8 QUE	B SC 1 CR 9 6419
KATES MARCIA JOAN 42 FORDEN CRESCENT WESTMOUNT QUE	B A 2 DE 3015
KATIS JAMES GEORGE 3466 MCTAVISH ST MTL 19 UNION ST THOMPSONVILLE CONN U S A	MD CM 2 AV 8 9533
KATOFSKY ISADORE 5352 PARK AVE APT 36 MONTREAL QUE	B SC 2 CR 7 8986
KATRONGE GEORGE ANDREW 1459 MCGILL COLLEGE AVE 26 9TH ST NORANDA QUE	B ENG CH 5 VI 5 5613
KATZ ABRAHAM SIMON 5355 COOLBROOK AVE MONTREAL QUE	B SC 2 EL 8200
KATZ ALLEN RONALD 2140 BEDFORD ROAD MONTREAL QUE	B ENG COM 5 RE 3 1038
KATZ DAVID ALLAN 5446 HUTCHISON ST MONTREAL QUE	B ENG 1 CR 7 5873
KATZ EDITH DINA 2937 SOISSONS ST MONTREAL QUE	B COM 3 RE 8 0549
KATZ JOYCE EVELYN 4894 FULTON ST MONTREAL QUE	B A 1 RE 8 8344
KATZ MAX GEORGE 495 PRINCE ARTHUR W APT 18 MTL 74 TASCHEREAU W ROUYN QUE	B SC 2 BE 7684
KATZ SAMUEL S 77 MCNIDER AVE OUTREMONT QUE	B COM 4 CR 1 6131
KATZ SOL 4543 WILSON AVE MONTREAL QUE	B A 3 DE 5687
KAUFMAN EVELYN 43 PERRAULT STE ANNE DE BELLEVUE 5702 MCALEAR COTE ST LUC QUE	TCH ELEM 1
KAUFMAN ISRAEL HERSH 8370 QUERBES AVE MONTREAL 15 QUE	B C L 2 CR 4 6138
KAUFMAN LEON 1640 VAN HORNE AVE APT 6 OUTREMONT QUE	B SC 3 CR 2 4489
KAUFMANN BRENDA MARIAM 771 UPPER BELMONT AVE WESTMOUNT QUE	B A 2 HU 9 4116
KAULBACH JUDITH EVELYN 60 TAURLOW ROAD HAMPSTEAD QUE	B SC 4 DE 4829
KAVALERSKY ERIC ALEC 4631 BARCLAY AVE APT 4 MONTREAL QUE	B ENG 1 RE 3 5774
KAVANAGH THOMAS MURRAY 3484 DUROCHER ST APT 412 R19 5TH AVE N SASKATOON SASK	PH D 2 VI 9 3186
KAVCIC FRANK MICHAEL 3705 ST DOMINIQUE MONTREAL QUE	PH D 2 PL 3545
KAWAJA MICHAEL NAJEEB 315 LAZARD AVE TOWN OF MT ROYAL QUE	B SC 2 RE 1 1465
KAWAJA NABEH RAMEZ PAUL 315 LAZARD AVE TOWN OF MT ROYAL QUE	B COM 2 RE 1 1465
KAY KENNETH ROBERT 3506 UNIVERSITY ST MTL MCKENZIE ISLAND ONT	B ENG MET 5 BE 0624
KAY VALERIE A 241 LAKESHORE DRIVE STRATHMOHE QUE	TCH INT 2 ME 1 1252
KAYE CARL EDWARD 5005 COTE ST LUC RD APT 1 MTL 28 2 BAYVIEW RIDGE WILLOWDALE ONTARIO	D D S 3 DE 6439
KAYE JOHN ASTON 3420 PEEL ST MTL SHAWNIGAN LAKE SCHOOL SHAWNIGAN LAKE VANCOUVER ISLAND B C	B COM 3 PL 7385
KAYE LESLIE L 3581 LORNE AVE MTL 68 HENRY ST TRENTON ONT	B A 2 AV 8 6738
KAYE STUART MORTIMER 3581 LORNE AVE APT 8 MTL 68 HENRY ST TRENTON ONT	B SC 1
KAYSER EDMUND PROSPER M WILSON HALL 97 WELLAND AVE ST CATHARINES ONT	B SC 2 BE 0624
KAZAKS PETERIS ALEXANDRIS 2060 CLAREMONT AVE APT 17 MONTREAL QUE	B ENG 1 HU 9 2702

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KAZI SADAT ISLAM 625 BLVD ST CROIX VILLE ST LAURENT QUE	M A 1 RI 7 2444
KEATING BENJAMIN JOSEPH 3573 HUTCHISON ST MTL UNIVERSITY P O BOX 12 ANTIGONISH N S	B ENG MI 4 PL 0601
KEBRETH GETACHEN C O ATO KEBRETH ASTATKE GHION HOTEL ADDIS ABEBA ETHIOPIA	B C L 4
KEDDIE BRENDA RAE 783 UPPER LANSDOWNE AVE MONTREAL QUE	B SC 2 HU 1 2650
KEELING JOHN WILSON MACDONALD COLLEGE OMENDEN FARM SMARDEN ASHFORD KENT ENGLAND	B SC AGR 2
KEENAN DONALD JOSEPH 642 BAS GRANDE COTE ST ROSE EAST QUE	B ENG CIV 4
KEENER ELLIS BARLOW 4605 HUTCHISON ST APT 3 P O BOX 275 AUBURNDALE FLA U S A	MED DIPL 3 CR 9 4347
KEHOE JOHN JUDE 5341 COTE ST LUC APT 3 67 MAPLE ST GATINEAU MILLS QUE	B C L 2 HU R 8638
KEIL LOUIS DOUGLAS 1115 POIRIER ST VILLE ST LAURENT QUE	B ENG 1 RI 7 4874
KEITH DEBORAH SARA 2360 MADISON AVE MONTREAL QUE	B A 3
KEITH JOHN ANTHONY 2360 MADISON AVE APT 21 N D G MONTREAL QUE	M A 1
KEITH JOHN JAMES 324 BALLANTYNE AVE N MONTREAL WEST QUE	EDUCATION 1 EL 6069
KEITH PETER GRANT 1130 SHERBROOKE ST W MTL ARROWHEAD RANCH KEVISVILLE ALTA	B ENG MCH 3
KELDER ROBERT IAN 143 EVERGREEN DRIVE BEACONSFIELD QUE	B ENG 1
KELENSON PHILIP 6315 DE VIMY AVE MONTREAL QUE	B A 3 RE R 5928
KELLER JACK 5728 WOLSELEY MONTREAL QUE	M COM 1 HU R 4616
KELLER RHONA JOAN 5864 DECELLES PLACE APT 16 MONTREAL QUE	MD CM 1 RE 3 2955
KELLEY JOHN FREDRIC 3851 UNIVERSITY ST MTL SHERMAN WEST VIRGINIA U S A	MD CM 4 AV R 0558
KELLY BARBARA MAUREEN ROYAL VICTORIA COLLEGE 121 YORK ST CORNWALL ONT	B A 3 PL 0113
KELLY BRIAN PATRICK 5468 ISABELLA AVE MTL 121 YORK ST CORNWALL ONT	B ENG 1 HU R 7865
KELLY MARY GRACE 215 CARLYLE AVE TOWN OF MT ROYAL QUE	GR N CERT 1 RE 3 0510
KELLY PAUL BRENDAN 6300 LENNOX AVE APT 308 MONTREAL QUE	MD CM 1 RE 9 1849
KELLY ROGER 3440 SHUTER ST APT 20 MONTREAL QUE	PH D 3 VI 5 8992
KELLY SHEILA 2023 MARLOWE AVE APT 5 MONTREAL QUE	M S W 1 HU R 6877
KELLY WILLIAM JULES 5600 ST DOMINIQUE ST MONTREAL QUE	B ENG CH 4 CR 4 9605
KELSEY LOUISE STARKEY 4710 ACADIA RD LACHINE QUE	PHYSIOTH 4
KEMBALL PETER RITCHIE 4191 HINGSTON AVE N D G MONTREAL QUE	B ENG 2 DE 4205
KENEDI ROBERT 3745 DUPUIS APT 4 MONTREAL QUE	M ENG 1 RE 1 1738
KENNADY JOHN CHARLES 3801 UNIVERSITY ST MTL BOX 784 DOWS IOWA U S A	MED DIPL 4 PL 2151
KENNEDY HENRY ALBERT 6653 19TH AVE MONTREAL 36 QUE	B COM 2 RA 2 4476
KENNEDY JAMES ROSS 78 DOBIE AVE TOWN OF MT ROYAL QUE	B ENG 1 RE 3 6130
KENNEDY LESLIE JOY 1509 SHERBROOKE ST W APT 39 MONTREAL 25 QUE	B A 1 WE 3 2061
KENNEDY RICHARD JOHN 28 CORNELL AVE MONTREAL EAST 5 QUE	B SC 4 MI 5 5101
KENNEDY RONALD DAVID 112 YONGE CRESCENT PTE CLAIRE QUE	B ENG 2 OX 7 1166
KENNEY MICHAEL 5887 MCLYNN AVE MONTREAL 29 QUE	B ENG CIV 3 RE R 8244
KENNY LORNE MILFORD 2041 CLIFTON AVE N D G SEELEY S BAY ONT	M A 1 HU 1 0598
KENNY WILLIAM FRANCIS 3544 JEANNE MANCE ST MTL 7200 RIDGE BLVD BROOKLYN 9 N U U S A	MD CM 1 VI 9 9090
KENRICK JAMES CURRY 3638 DUROCHER ST MTL 313 WEST BUFFALO ST ITHACA NEW YORK U S A	D D S 4
KEOGH RICHARD KEVIN ROYAL VICTORIA HOSPITAL R R 16 964 BAYVIEW SQUARE NEW WESTMINISTER B C	MED DIPL 1
KERENYI ALBERT BELA 3201 FOREST HILL AVE APT 16 MONTREAL QUE	MED DIPL 4 RE 3 7001
KERR BARBARA JANE ROYAL VICTORIA COLLEGE 166 WILSON AVE TORONTO 12 ONT	B A 2 PL 0589
KERR COLIN CHARLES DOUGLAS HALL PROCTER AND GAMBLE CORSO AURELIO SAFFI 1A GENOA ITALY	B SC 3 BE 6968
KERR EVELYN JEAN MACDONALD COLLEGE HOWICK QUE	B SC H EC 4

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KERR RODNEY MCOUAT 4540 PRINCE OF WALES AVE MONTREAL 28 QUE	B COM 4 EL 6576
KERSULIS ALGERDAS EDWARD 5235 BORDEN AVE N D G MONTREAL QUE	B ENG MCH 5 HU R 2994
KERTLAND DAVID STUART 12 PARK PLACE WESTMOUNT QUE	B SC 3
KERWIN GERALD 80 PRATT AVE LONGUEUIL QUE	B C L 3 OR 4 7361
KESES IRVING MORRIS 4150 CITY HALL AVE MONTREAL QUE	B ENG 2 VI 5 6944
KESSLER JOYCE SANDRA 23 MAPLE ST STE ANNE DE BELLEVUE 4140 VAN HORNE AVE MONTREAL QUE	TCH ELEM 1
KESSLER LAWRENCE IRVING 4475 GRAND BLVD N D G MONTREAL QUE	B ENG 2 HU R 3583
KETCHESON BARBARA GORDON 1496 BISHOP ST MTL 2163 WOODCREST ROAD OTTAWA ONT	PH D 4 AV R 0340
KETTER ANNA MARIA 2095 LINCOLN AVE APT 17 MONTREAL QUE	B L S 1
KEYMER SANDRA HOMFRAY H 4796 GROSVENOR AVE MONTREAL 29 QUE	B A 2 HU R 6181
KEYTON PAUL AYLIFFE 4575 GRAND BLVD MONTREAL QUE	B COM 1 EL 5261
KHAN ABU BAKR 3546 LORNE AVE APT 4 MONTREAL QUE	D D S 2
KHAN AREED 1001 SHERBROOKE ST W MTL 15 EASTERN MAIN ROAD SAN JUAN TRINIDAD B W I	B SC 2 RE 0811
KHAN IMRAN 3546 LORNE AVE APT 6 MONTREAL QUE	MD CM 1
KHAN MOHHAMMED A Y 3408 DUROCHER ST MTL CHAMP FLEURS ST JOSEPH TRINIDAD B W I	B SC 2
KHAN ZAFAR 6702 HAMILTON ST MONTREAL 20 QUE	B COM 1 PO 6 5657
KHARE HARISH CHANDRA PHYSICAL SCIENCES CENTRE 3615 UNIVERSITY ST APT 10 MONTREAL QUE	PH D 3
KHAZZAM SASS 3101 CEDAR AVE MONTREAL QUE	B COM 2 WE 7 2912
KHO THWAN SIET 3647 UNIVERSITY ST MTL 7 DJL PETJINAN DEMAK JAVA INDONESIA	B ENG COM 5 VI 9 2806
KHOUW UOEN HENG 2057 MCGILL COLLEGE AVE 1R SOMPOK LAMA SEMARANG JAVA INDONESIA	B SC 4
KIBRICK ARNOLD JACOB 4152 DE LA PELTRIE MONTREAL QUE	B ENG EL 3 RE 3 5693
KIDNEW WILLIAM GEORGE 3473 UNIVERSITY ST MTL 135 BLAIR ROAD GALT ONT	B D 2
KIFLEEGZI HAILU 3444 DUROCHER ST MONTREAL QUE	B C L 2 AV R 4344
KIHM RUTH SIGRID 3685 PEEL ST APT 2 MTL 220 16TH AVE ST EUSTACHE SUR LE LAC QUE	MD CM 3
KILBORN ROBERT MCCLURE 7135 FIELDING AVE APT 301 MTL R R 5 BELWOOD ONT	MED DIPL HU R 6694
KILBURN PETER MORRIS 5 ROSEMOUNT AVE WESTMOUNT QUE	B A 3 WE 3 5592
KILGOUR GEILLS MCCRAE ROYAL VICTORIA COLLEGE 237 OXFORD ST WINNIPEG 9 MAN	B SC 3 PL 0113
KILLINS GARY WILLIAM MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC P ED 1
KIM YOON BOM 3801 UNIVERSITY ST MTL 72 2 KA CHONGPA TONG YONGSAN KU SEOUL KOREA	M SC 2 PL 1251
KIMPTON OLIVIA CATHERINE 365 LANSDOWNE AVE WESTMOUNT QUE	B A 2 WE 2 6382
KIMURA DOUGLAS SHUSO 3528 LORNE AVE MTL 3533 SHEFFIELD CHICAGO 13 ILL U S A	PH D 3
KINDERSLEY HELEN ANNE MCLENNAN HALL BALLYMENA OAKVILLE ONT	PHYSIOTH 3 PL 0044
KINDY DAGMAR 6287 2ND AVE ROSEMOUNT MONTREAL 36 QUE	MD CM 2 RA 7 0853
KING CLIFFORD RONALD 3761 MAPLEWOOD AVE MONTREAL QUE	B COM 3 RE 1 2949
KING EDWARD STEWART 8028 UPPER LACHINE RD MONTREAL WEST QUE	B SC 1 DE 6926
KING JOHN LANGAN DOUGLAS HALL 106 FULHAM CRESCENT WINNIPEG 9 MAN	D D S 3 AV R 2774
KING MICHAEL FRANCIS 3774 WILSON AVE MONTREAL QUE	MD CM 2 DE 2089
KING RICHARD MICHAEL DOUGLAS HALL 20 GROSVENOR COURT LONDON ONT	B ENG CIV 3
KINGAN ALLAN JAMES 361 DUFFERIN ROAD MONTREAL 29 QUE	B ENG COM 5 DE 7867
KINGHORN CHARLES PURVES 4820 ROSLYN AVE MONTREAL QUE	B SC 1 RE R 2498
KING ROBINSON SAMUEL F 2014 VICTORIA ST MTL 68 ST JOSEPH VILLAGE SAN FERNANDO TRINIDAD B W	B ENG 1
KINGSBURY DONALD M 2108 MAPLEWOOD AVE MONTREAL 26 QUE	M SC 1 RE R 3110

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KINI MOHANDAS 3619 UNIVERSITY ST MTL 315 THAMBU CHETTY ST MADRAS INDIA	PH D 2
KINNEAR DOUGLAS GORDON MALLORY INST PATHOLOGY BOSTON MASS U S A	MED DIPL 4
KIOVSKY MICHAEL 2400 LOCKHART AVE MONTREAL 16 QUE	B ENG MCH 3 RE R 3970
KIRBY MICHAEL JOHN L 1089 ST JOSEPH ST LACHINE QUE	B SC 1 ME 7 6216
KIRBY PETER MURRAY 3455 STANLEY ST MTL ST JOVITE QUE	M SC 1
KIRKBY PETER WILSON HALL 51 POPPYTHORN LANE PRESTWICH MANCHESTER ENGLAND	B SC 3
KIRKCALDY MARGARET ROSE MACDONALD COLLEGE 4 ELGIN ROAD CROSS ROADS JAMAICA B W I	B SC H EC 3
KIRKHAM LAWRENCE A H 1090 VANIER ST VILLE ST LAURENT QUE	B SC 1 RI 4 5048
KIRKIS PETER GEORGE Y M C A DRUMMOND ST MTL 10 MACKENZIE KING ST ATHENS GREECE	3 ENG 2
KIRMAN EUNICE 25 PERRAULT STE ANNE DE BELLEVUE 6212 DE VIMY AVE MONTREAL QUE	TCH ELEM 1
KIRSCH IRVING MURRAY 4660 KENT AVE MONTREAL QUE	B COM 2 RE 3 6330
KIRSCHENBAUM FRYMETA 5751 DAVIES AVE COTE ST LUC MONTREAL QUE	B A 1
KIRWAN LEO DUNCAN 6 OLDFIELD AVE APT 110 R R 1 MERIGOMISH N S	M SC 1 WE 2 5840
KISILEVSKY ROBERT 5916 MACDONALD AVE HAMPSTEAD QUE	B SC 4 EL 3379
KIVENKO JACK MARVEN 5716 QUEEN MARY ROAD MONTREAL QUE	B COM 1 HU 1 R340
KIZELL GITA GERTRUDE ROYAL VICTORIA COLLEGE 295 FIRST AVE OTTAWA ONT	B A 3 VI 9 0858
KLARBERG SHEILA 3841 ST KEVIN ST MONTREAL QUE	B SC 1 RE 3 6992
KLEEM FERRIS ANTHONY ORATOIRE ST JOSEPH MONTREAL QUE	M A 2 RE 3 R211
KLEIMAN MAUREEN BERNICE 5275 RANDALL AVE APT 5 MONTREAL QUE	M S W 2
KLEIN COLMAN 236 QUEBEC AVE MONTREAL 8 QUE	B ARCH 3 CR 2 1885
KLEIN CORNELIS 5000 RIVARD ST MONTREAL QUE	B SC 4 AV R 6261
KLEIN HERMAN 784 DAVAAR AVE MONTREAL 8 QUE	B SC 2 CR 2 4323
KLEIN MITCHELL HARRIS 3500 RIDGEWOOD AVE APT 400 MONTREAL QUE	B C L 1 RE 1 6367
KLEINER ISRAEL 1385 BERNARD AVE APT 9 MONTREAL QUE	B SC 3 CR 1 2262
KLEINMAN IRENE VIVIAN MACDONALD COLLEGE 382 ST CYRILLE ST QUEBEC CITY QUE	TCH ELEM 1
KLEMENSBERG FREDA 5970 MCSHANE AVE MONTREAL 26 QUE	B SC 2 RE 7 7643
KLEMKA CHARLES VICTOR 6845 VIAU ST MONTREAL 5 QUE	B ENG 1 RA 2 3891
KLEVORICK ALAN STANLEY 475 PINE AVE W MTL 8375 WOODHAVEN BLVD WOODHAVEN 21 N Y U S A	B A 2 RE 4270
KLIGER GEORGE IRWIN 4645 KENT AVE MONTREAL QUE	B A 1 RE 3 3997
KLIGER JUDITH CLAIRE 4742 BOUCHETTE AVE MONTREAL QUE	B A 3 RE 1 0452
KLINEBERG JUDITH ANNE 4414 HINGSTON AVE MONTREAL 28 QUE	B A 2 HU 1 3991
KNAPP BEVERLEY AUDREY 138 SPARTAN CRESCENT PTE CLAIRE QUE	B A 3 OX 7 1658
KNIGHT H HOLLY 3473 UNIVERSITY ST MTL HEMMINGFORD QUE	B D 3
KNOTT ROBERT SIDNEY 3564 SHUTER ST APT 15 326 N HAROLD ST FORT WILLIAM ONT	B ENG COM 5 VI 9 8704
KNOWLES ANN DOROTHY 5221 WESTMORE AVE MONTREAL 29 QUE	B A 4 HU 1 9368
KNOWLES JEAN EVANGELINE ROYAL VICTORIA COLLEGE P O BOX 1564 NASSAU N P BAHAMAS	B A 4 PL 0847
KNOX GEORGE BARRY 2354 CLIFTON AVE MONTREAL 28 QUE	B ENG 2 EL 0644
KNOX ROBERT HUGH 4325 MARIETTE AVE MONTREAL QUE	B A 1 HU 8 5474
KNUDSON ROGER GEORGE 3820 ST KEVIN AVE APT 14 R D 1 BOX 127 NEW BRUNSWICK N J U S A	M SC 2
KNUTSON GORDON HAROLD 3626 DUROCHER ST MTL 3631 VICTORIA AVE REGINA SASK	MD CM 4 AV 8 7800
KNUTTI HANS JAKOB BOX 18 MACDONALD COLLEGE ERLENBACH I S KT BERN SWITZERLAND	M SC 2
KNYSTAUTAS ROMUALD GEORGE 35 STRATHYRE VILLE LA SALLE QUE	B ENG MCH 3 ME 7 8831
KOBY NORMA LINDA 5601 ALPINE AVE COTE ST LUC MONTREAL QUE	B A 1 HU 8 2088

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KOERNER RICHARD 3420 BARCLAY AVE MONTREAL QUE	B ENG 2 RE 1 5848
KOGAN JOYCE 394 COTE ST CATHERINE RD MONTREAL QUE	B A 3 CR 4 8494
KOHLER ALLAN CARL ST ANDREWS N B	PH D 2
KOLADA VERA 275 GEORGE V ST DORVAL QUE	B SC H EC 1 ME 1 3217
KOLANKOWSKY EUGENE 878 ROCKLAND AVE OUTREMONT QUE	B ENG EL 4 CR 6 6790
KOLBER STANLEY LYON 74 COTE ST CATHERINE RD OUTREMONT QUE	B SC 2 CR 1 5355
KOLESNIKOW VICTOR 4102 COLONIAL AVE MONTREAL QUE	B A 2 VI 5 8774
KOLLAR KATALIN ETELKA 3630 STE FAMILLE ST MONTREAL QUE	B SC 2 VI 5 8851
KOLLMAN MORTIMER MAX 3020 VAN HORNE AVE APT 11 MONTREAL QUE	B A 2 RE 1 0965
KOLODNY HARVEY FRED 2220 LAFORTUNE ST VILLE ST LAURENT QUE	RI 4 0281
KOLODNY LARRY 5061 WILDERTON AVE MONTREAL QUE	B A 4 RE 7 1894
KOLP JUDITH ROYAL VICTORIA COLLEGE 18 SALISBURY ROAD BROOKLINE MASS U S A	B SC 4 PL 0334
KOLSHORN HAJO AUGUST 5120 BOURRET ST APT 18 MONTREAL QUE	B ENG EL 3 RE 3 5019
KOMALARJUN PAYOON 3450 DRUMMOND ST MTL 10 SRIFAH LANE BHANOLYOTHIN ROAD BANGKOK THAILAND	GR N CERT 1 RE 0653
KOMAROFF JOSEPH GUSTAV 48 FINCHLEY ROAD MONTREAL QUE	B ENG PWR 5 HU 1 3832
KOMERY IRWIN ELIAS 5343 BHODEUR ST MONTREAL QUE	B SC 3 HU 9 3377
KON JULIAN 5218 JEANNE MANCE ST MONTREAL QUE	B ENG 1 CR 6 2025
KOND LIIVI MACDONALD COLLEGE BOX 42 VINELAND STATION ONT	B SC AGR 2
KONGO HELE MALL 588 WESTLUKE AVE TOWN OF COTE ST LUC QUE	B A 1 DE 0685
KONIGSBERG ALEXANDER S 4785 PLAMONDON ST APT 7 MONTREAL QUE	B COM 3 RE 8 8601
KONIGSMANN KLAUS V C O MR L D VANECK 9 CHADBOURNE AVE NORANDA QUE	B ENG MET 5
KONYK LEO NICK 475 PINE AVE MTL 1026 LANSDOWNE AVE WINNIPEG 4 MAN	B SC P ED 4 RE 4270
KOOIMAN HENDRIK 8950 LUMSDEN ST MONTREAL QUE	B C L 2 DU 9 6145
KOOIMAN VINCENT WILLEM 1401 ARGYLE AVE MONTREAL 3 QUE	B C L 2 UN 6 7294
KOPPENAAL RICHARD JOHN 431 BERGEVIN VILLE LA SALLE QUE	PH D 3 EL 4000
KORANYI ERWIN 5890 VICTORIA AVE APT 306 MONTREAL QUE	MED DIPL 4 RE 3 6849
KORMAN DAVID 5585 CLANRANALD AVE MONTREAL QUE	MED DIPL 2 RE 3 3514
KORMAN HENRY PHILIP 5238 ESPLANADE AVE MONTREAL QUE	B ENG MCH 3 CR 4 2801
KORMAN WILLIE 5238 ESPLANADE AVE MONTREAL QUE	B COM 4 CR 4 2801
KORN MORTON 3500 HUTCHISON ST APT 24 MTL 165 EMELINE ST PROVIDENCE 6 R I U S A	MD CM 1
KORNBLUTH ELEANOR LEE 821 DOLLARD AVE MONTREAL 8 QUE	TCH ELEM 1 CR 2 5617
KORNBLUTH IRWIN 821 DOLLARD AVE MONTREAL 8 QUE	MD CM 1 CR 2 5617
KORNBLUTH JOYCE CORNELIA 710 UPPER BELMONT AVE WESTMOUNT QUE	B A 1 HU 1 7920
KORNBLUTH JUDITH ROSLYN 821 DOLLARD AVE MONTREAL 8 QUE	PHYSIOTH 3 CR 2 5617
KORNBLUTH RALPH 975 HARTLAND AVE OUTREMONT QUE	B SC 3 RE 3 2697
KOROL ROMAN 3716 HENRI JULIEN AVE MONTREAL QUE	B ENG 2 VI 5 6445
KORSOWER ANN 4670 VEZINA AVE MONTREAL QUE	B A 3 RE 1 6233
KOSORWICH JON 4225 LAVAL AVE MONTREAL QUE	B C L 4 RE 7594
KOSS LINDA 5181 MAYFAIR AVE MONTREAL 29 QUE	TCH ELEM 1 HU 8 5873
KOSTASZEK LEONARD 764 9TH AVE LACHINE QUE	B ENG MCH 5 ME 7 2275
KOSTOVCHIK MILAN MICHAEL 5725 35TH AVE MONTREAL 36 QUE	B ENG CH 5 RA 2 4502
KOTANSKY WILLIAM 4934 KENT AVE MONTREAL QUE	B ARCH 5 RE 3 2842
KOTLER DEANNA 5135 MONTCLAIR AVE MONTREAL 29 QUE	B A 1 HU 8 0488
KOTOWICZ ANNA MARIA 6109 DUROCHER ST MONTREAL QUE	B SC 4 CR 7 6829
KOURI RONALD LOUIS 3235 RIDGEWOOD AVE APT 408 MTL 412 NEWTON ST SHERBROOKE QUE	D D S 3 RE 1 5477
KOVACS ALEXANDRA ROSE ROYAL VICTORIA COLLEGE APARTADO 1107 CIUDAD TRUJILLO DOMINICAN REP	B A 2 PL 0495

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
KOVALSKI JOYO 1655 LINCOLN AVE APT 23 MONTREAL QUE	WE 5 3762	M A 1
KOVECSES FRANK MACDONALD COLLEGE 5421 COOLBROOK AVE MONTREAL QUE		B SC AGR 1
KOVECSES GEORGE 55 CLAUDE AVE DORVAL QUE	ME 1 1507	B ENG 2
KOWALSKI GEORGE 4391 MARCIL AVE MONTREAL QUE	HU 1 3398	B ENG CIV 5
KRACKE ARTHUR DALE INTERNS QUARTERS LACHINE GENERAL HOSP EDGELEY NORTH DAKOTA U S A	ME 7 1161	MD CM 4
KRAKOW BELLA MIRIAM 484 WISEMAN AVE OUTREMONT QUE	CR 6 6970	B A 1
KRAKOW KALMAN ISSIE 484 WISEMAN AVE OUTREMONT QUE	CR 6 6970	B ENG MCH 5
KRAKOWER EARL 832 DUNLOP AVE MONTREAL QUE	RE 8 0956	B SC 2
KRAKOWER HOWARD 7930 WISEMAN AVE MONTREAL 15 QUE	CR 9 2201	B SC 1
KRAKOWER PHILLIP 2794 WILLOWDALE AVE MONTREAL QUE		B COM 3
KRAMARZ HALINA 5323 LUCY PLACE MONTREAL 29 QUE	RE 3 5980	B SC 3
KRAMER ETHEL 4526 DRAPER AVE MONTREAL QUE		B SC 1
KRAMER JUDITH MAPLE AVE STE ANNE DE BELLEVUE 5002 DORNAL AVE MONTREAL QUE		B SC 1
KRANCK KATE MARGARETHA ROYAL VICTORIA COLLEGE HUDSON HEIGHTS QUE		B SC 3
KRASNOW MARVIN LARRY 4980 CIRCLE ROAD MONTREAL QUE	EL 1904	B ENG 2
KRASZNER MAGDALENA E 1509 SHERBROOKE ST W APT 28 MONTREAL QUE	WE 2 8698	B SC 2
KRAULIS ILZE 4972 DOLLARD ST ROXBORO QUE		B SC 1
KREINDLER SIMON 77 SPRINGROVE CRFS MTL BREEZELY MAXWELL S COAST CH CH BARBADOS B W I	CR 2 4923	B SC 1
KREISMAN JUDY 6055 WILDERTON CRESCENT MONTREAL QUE	RE 8 3350	B SC 3
KRISHTALKA AARON 4138 CLARK ST MONTREAL QUE	AV 8 3857	B ENG 1
KROMP DIANE FELICIA 3161 APPLETON AVE MONTREAL QUE	RE 3 4144	B COM 1
KRUGER ELENA PHYLLIS 3360 RIDGEWOOD AVE APT 14 MONTREAL QUE	RE 3 2887	M S W 2
KRUPKA DANNY CHARLES V M 3431 DRUMMOND ST MTL 103 RIVERDALE AVE OTTAWA 1 ONT	VI 9 0243	B ENG 2
KRUZICH FRANK 1441 DRUMMOND ST MTL BOX 125 DUPARQUET QUE	VI 9 4171	B ENG 1
KRYSZAK KAMILLA 8050 LOUIS HEMON MONTREAL QUE	RA 1 3792	B A 2
KRZYCZKOWSKA BARBARA M 3537 VENDOME AVE MONTREAL QUE	EL 7796	B SC 3
KUBANEK GEORGE RUDOLF 5202 WALKLEY AVE APT 5 300 FIFTH ST MIDLAND ONT	HU 8 4885	B ENG 2
KUCHTA STEVE JOHN 6352 11TH AVE MONTREAL 36 QUE	RA 8 4010	B ENG MCH 4
KUCZYNSKA WANDA 650 11TH AVE LACHINE QUE	ME 7 1554	B SC 3
KUDO CATHERINE FUMIKO 156 HILLSIDE AVE WESTMOUNT QUE	WE 5 9556	B SC 4
KUHI TIIU ANN 120 BELMONT AVE LAKESIDE QUE	OX 5 6412	B A 1
KUHNER PRISCILLA DENISE MACDONALD COLLEGE 215 LAZARD AVE TOWN OF MT ROYAL QUE		HOMEMAKER 1
KUHNERT ERNEST 2730 COTE ST CATHERINE MONTREAL QUE	RE 8 1460	B ENG CIV 5
KUKK ENE 115 LECAVALIER ST VILLE ST LAURENT QUE	RI 7 6692	B SC 3
KUKULKA CHESTER 4314A BOURBONNIERE MONTREAL QUE	CL 5 1148	B ENG CIV 5
KULIK MORRIS 5430 JEANNE MANCE ST MONTREAL QUE	CR 7 5088	B ENG 1
KULIN MAGDELIENE ROYAL VICTORIA COLLEGE 166 ARKELL AVE HAMILTON ONT		PHYSIOTH 3
KUMAR GANRAJ 3514 PARK AVE MTL 50 SHERIFF ST CAMPBEL VILLE DEMERARA BR GUIANA S A	PL 0855	MD CM 1
KUPER EVA 2790 DARLINGTON PLACE MONTREAL QUE	RE 7 9595	B SC 1
KUPITSKY RONALD 430 WILLOWDALE AVE APT 7 MONTREAL QUE	RE 3 6433	B ENG 2
KURDYLA NICHOLAS 3647 COLONIAL AVE MONTREAL 18 QUE		B ENG PHY 3
KURRUSK ILMAR 1130 LEPINE ST VILLE ST LAURENT QUE	RI 7 5036	B ENG 1
KUSHNER JERRY 5985 MACDONALD AVE MONTREAL QUE	RE 3 4750	M S W 1
KUSHNIR KWITOSLAWA M 5124 16TH AVE MONTREAL 36 QUE	RA 1 9914	U A 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KUSSNER ROSALIE 4830 CEDAR CRESCENT MONTREAL QUE	B A 2 RE R 4403
KWAN KIM HUNG 3612 DUROCHER ST MTL 26 TSAT TSE MUI ROAD G F HONG KONG	B ENG EL 3 RE 6123
KWAN YEE YIN 2073 TUPPER ST MTL 12 PRINCIPALE ST STE AGATHE DES MONTS QUE	B ENG CIV 3 WE 5 1507
KWAVNICK DAVID 5484 CASGRAIN AVE MONTREAL QUE	B SC 1 CR 9 6752
KWOCK TONY 3528 JEANNE MANCE ST MTL 178 SO STATE ST SALT LAKE CITY UTAH U S A	B ENG CH 3 BE 5537
KWOK CHI KAI CLYDE 3550 SHUTER ST APT 2 MTL 14 FUNG FAI TERRACE HAPPY VALLEY HONG KONG	B ENG 2 PL 0452
KYDD HELEN ELIZABETH ROYAL VICTORIA COLLEGE WATERVILLE KINGS CO N S	B A 3
KYSSA YURI 3548 HUTCHISON ST MONTREAL QUE	B ENG CH 4 VI 5 9808

L

LABARRE JOSEPH MAURICE P 4660 QUEEN MARY ROAD MONTREAL QUE	B ENG COM 5 RE H 3612
LABENEK JOSEPH 11651 VICTORIA AVE POINTE AUX TREMBLES QUE	B COM 4 MI 5 4364
LABENSOHN DOROTHY ROSLYN 3770 COTE STE CATHERINE APT 12 MONTREAL QUE	TCH ELEM 1 RE 3 9336
LABOW JUDITH MAYE 21 MCNIDER AVE OUTREMONT QUE	B A 1 CR 7 6464
LABOW SAMUEL BARRY 5398 GROVEHILL PLACE MONTREAL QUE	B SC 4 EL 0700
LABRIE ROSS ERNEST 4145 BEACONSFIELD AVE MONTREAL QUE	M A 1
LACHANCE BROTHER PHILIP ST GEORGE SCHOOL COLLEGE ST STE ANNE DE BELLEVUE QUE	M SC 3
LACHANCE PAUL 2505 MAPLEWOOD AVE MONTREAL QUE	RE 7 2268
LACHAPELLE ANDRE J FIFTH AVE PT CALUMET QUE	B ENG MET 4
LACOMBE JOSEPH ALPHONSE B 3612 ST GERMAIN ST MONTREAL QUE	B C L 1 LA 1 3801
LADD HELEN GERTRUDE MACDONALD COLLEGE SCOTSTOWN QUE	TCH INT 1
LAFFRIERE DENYSE 5017 KING EDWARD AVE MONTREAL QUE	B ENG MET 3 DE 0279
LAFFERTY JUDY MARJORIE ROYAL VICTORIA COLLEGE 531 MARIPOSA AVE OTTAWA 2 ONT	B A 2 PL 0571
LAFFOLEY JAMES BRIAN 3821 MARCIL AVE MONTREAL QUE	B ENG 1 DE 4853
LAFFULEY JOHN RICHARD 126 ARLINGTON AVE WSTMT 400 LAKESHORE ROAD WOODLANDS CO CHATEAUGUAY QUE	B C L 2
LAFLAMME JOSEPH MARCEL G 4282 SHERBROOKE ST W MTL 326 NOTRE DAME DRUMMONDVILLE QUE	B ENG EL 4 WE 5 6296
LAFLEUR ANNE MARGARET 50 HEATH ROAD HAMPSTEAD QUE	B A 1 DE 1084
LAFLEUR ANTHONY JAMES 3655 ONTARIO AVE MONTREAL 25 QUE	B C L 2 PL 6750
LAFLEUR HENRI PHILIP 3655 ONTARIO AVE MONTREAL 25 QUE	B C L 2 PL 6750
LAFLEUR JEAN HUGUES 169 MAPLEWOOD AVE MONTREAL QUE	B C L 2 CR 1 7215
LAFRANCE HERMAN JOSEPH E 1518 DARLING ST MONTREAL QUE	B ENG MCH 3
LAGARSE JOSEPH RENE C 2328 MERCIER ST MONTREAL 5 QUE	B ENG 1 CL 5 6141
LAHTI LEO 2740 GOYER ST APT 2 MONTREAL QUE	B ENG 2 RE 3 2687
LAIDLAW MARGARET 3281 FOREST HILL AVE APT 5 MONTREAL QUE	B SC 4
LAIDLEY WENDELL HALDANE 56 SUNNYSIDE AVE WESTMOUNT QUE	B ENG 1 EL 6369
LAIKEN JUDITH LEE 2990 LINTON AVE APT 6 MONTREAL QUE	PARTIAL RE 7 5814
LAING CHARLES ALEXANDER 7191 FIELDING AVE APT 302 MTL 2046 WILLISTEAD CRESCENT WINDSOR ONT	MED DIPL 5 WE 7 6011
LAING ROBERT DONALD 7531 MOLSON ST MONTREAL 38 QUE	B A 1 RA 7 7395
LAISHLEY EDWARD JAMES MACDONALD COLLEGE 400 MCLEOD ST OTTAWA ONT	B SC AGR 3
LAJZEROWICZ ROBERT 6510 DARLINGTON ST MONTREAL QUE	B ENG EL 4
LAKATOS BETTY LOU SALLY 2845 GOYER ST APT 22 MTL 32 IVY AVE ST CATHARINES ONT	B SC 4
LAKATOS SHIRLEY MONA 2845 GOYER ST APT 22 MTL 32 IVY AVE ST CATHARINES ONT	B SC 4
LAKATOS STEPHEN 215 ELM AVE WESTMOUNT QUE	B SC 3 WE 5 2923
LAKE DOUGLAS 1060 CLEMENT ST VILLE ST LAURENT QUE	B ENG MCH 5 RI 7 7440

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
LAKHANPAL NARINDRA NATH 3454 PEEL ST APT 14 MTL C O PT CHIRANJE LAL RETD DY MAGISTRATE SUJANPUR GURDASPUR INDIA	B ENG EL 4 VI 9 0696
LALLIER ADALBERT 7885 ONTARIO ST EAST MONTREAL QUE	B A 4 CL 9 9675
LALONDE ANDRE 6815 GARNIER ST MONTREAL QUE	B ENG CIV 4 CR 9 5457
LALONDE FRANCIS PHILLIP 4838 MIRA ROAD MONTREAL QUE	B ENG MCH 5 HU 1 2120
LALONDE GUY JOSEPH 561 DAVAAR ST OUTREMONT APPLE TREE LANE BENNINGTON VERMONT U S A	B SC 3 CR 7 0351
LALONDE LUC 3835 VERDUN AVE VERDUN QUE	B ENG 1
LAM ANTHONY K WILSON HALL 2 CHANCERY LANE HONG KONG	B SC 3 RE 0624
LAM HARRY CHI SING C O MR P W HO 3631 LORNE CRESC MTL 41C CONDUIT ROAD HONG KONG	B SC 4
LAM WILSON KAM HO 3635 LORNE CRESCENT MTL 94 BLUE POOL ROAD HAPPY VALLEY HONG KONG	B ENG 2 PL 0557
LAMB MURRAY GEORGE MACDONALD COLLEGE 514 DES ERABLES BEAUHARNOIS QUE	B SC AGR 2
LAMB WILFRID BEVAN 2044 MCGILL COLLEGE ST R R 7 LONDON ONT	B ARCH 5 RE 5266
LAMBERT VIRGINIA MACDONALD COLLEGE 51 MAISONNEUVE AVE ROSEMERE QUE	B SC AGR 2
LAMBERT WILLIAM JOHN MACDONALD COLLEGE R R 1 WELLANDPORT ONT	B SC P ED 2
LAMBIE MAX MICHAEL E 533 UNDERHILL PLACE MTL ST ANNS BAY P O JAMAICA B W I	B ENG CIV 3 VI 5 7827
LAMONTAGNE JACQUES 2024 MCGILL COLLEGE AVE APT 10 MONTREAL P O BOX 235 ST LEONARD N B	B ENG 2 AV B 8367
LAMONTAGNE JOSETTE MACDONALD COLLEGE 550 MCEACHRAN AVE MONTREAL QUE	B SC AGR 2
LAMONTAGNE LOUISE MARIE M 60 HOLYROOD AVE OUTREMONT QUE	PHYSIOTH 1 RE B 1994
LAMONTAGNE PIERRE 5717 HUDSON RD APT 5 MONTREAL QUE	B C L 3 RE 3 7021
LAMOUREUX JOSEPH GEORGE A 270 ST LAURENT LONGUEUIL QUE	B ENG 2 OR 4 6544
LAMY JEAN ROGER GABRIEL 62 ST JOSEPH BLVD WEST MONTREAL 14 QUE	B ENG EL 3 VI 9 8582
LANCZI THOMAS 5261 WALKLEY ST APT 26 4 NEPHADSEREG BUDAPEST HUNGARY	B ENG MCH 3 HU 1 0668
LAND ROBERT LARS 4905 BORDEN AVE MONTREAL QUE	B SC P ED 3 HU 1 5951
LANDA ANITA 2120 GOYER ST MONTREAL QUE	PHYSIOTH 2 RE 3 3482
LANDER GEORGE 500 PINE AVE W MTL 5 GEORGE ST MIDDLETOWN CONN U S A	MD CM 2 RE 0327
LANDRY GILBERT RICHARD 3830 LACOMBE AVE MTL 1098 PROVIDENCE ST WHITINSVILLE MASS U S A	MD CM 4 RE H 4711
LANDRY PETER CORY 173 MORRISON AVE MONTREAL QUE	M SC 1 RE 3 5666
LANE ALEC WILLIAM ALAN 477 BEVAN AVE OTTAWA 3 ONT	PH D 3
LANE RAYNALD ALLAN 548 PRINCE ARTHUR ST W 140 WARNER ST MARIETTA OHIO U S A	MD CM 1 PL 0H77
LANE SHEILA E 1250 LOMBARD CRESCENT TOWN OF MT ROYAL QUE	PARTIAL RE 1 0685
LANG ANDREW RICHARD G 3530 DUROCHER ST APT 16 MONTREAL QUE	PH D 2
LANG FREDA 3846 KENT AVE MONTREAL QUE	B A 3 RE 3 2481
LANG HEATHER PATRICIA 36 EASTBOURNE AVE BEACONSFIELD QUE	B SC P ED 1 OX 5 2873
LANG NICKI HAROLD 4554 STANLEY WEIR ST MONTREAL QUE	B ARCH 3 RE R 2316
LANGLEY CLAIRE ELIZABETH ROYAL VICTORIA COLLEGE 925 MOFFAT AVE BRITANNIA HEIGHTS P O ONTARIO	B SC 2
LANGLOIS JOS LARRY V 3677 HENRI JULIEN ST MONTREAL QUE	B SC 4 VI 5 3962
LANGSAM HENRY 4854 ST URBAIN ST MONTREAL QUE	B ENG 2 CR 7 1921
LANGSNER ELINOR SINGER 5255 ST IGNATIUS AVE N D G MONTREAL QUE	HU R 3491
LANGUAY DENNIS WALTER 1220 BISHOP ST APT 3 MTL 366 LECLERC BLVD GRANBY QUE	B SC 2 UN 1 6287
LANTHIER JOHN PHILIP 421 ARGYLE AVE WESTMOUNT QUE	B C L 4 WE 3 8083
LAOW BRENDA JOYCE MACDONALD COLLEGE 2426 FULTON ROAD TOWN OF MT ROYAL QUE	TCH INT 1
LAPA GEORGE C O CLUB LAVAL LAVAL SUR LE LAC QUE	B ENG 1 MU 1 3341
LAPAN WILLIAM AMES 426 SHERBROOKE ST W APT 2 MTL 21 RIVERSIDE DRIVE SARANAC LAKE N Y U S A	B SC 2 AV H 4846

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
LAPIN AVRUM ISSOR ELI 5035 HAMPTON AVE N D G MONTREAL 29 QUE	B ENG PHY 3 HU 8 8132
LAPINAS KESTUTIS V 5300 16TH AVE MONTREAL 36 QUE	B ENG CIV 4 RA 2 2349
LAPLANTE CHARLOTTE T 4725 ST KEVIN AVE APT 12 240 CHARLOTTE ST OTTAWA ONT	M SC 1 RE 1 2222
LAPLANTE RICHARD JOSEPH R 2395 SHEPPARD ST MONTREAL 24 QUE	B COM 2 LA 5 7928
LAPOINTE JEAN LOUIS 295 QUERBES AVE OUTREMONT QUE	MED DIPL 3 CR 6 6477
LARMAN ELLIOTT GERALD 2940 SOISSONS AVE MONTREAL QUE	RE 7 0748
LAROCHE DAVID ANDRE 4095 ST CATHERINE ST W MONTREAL QUE	B C L 2 WE 3 7321
LAROCHELLE JOSEPH EDGAR A 129 MARLBOROUGH AVE OTTAWA ONT	PH D 4
LAROCQUE J FRANCOIS A 3898 VAN HORNE AVE MTL 2137 BORD DU LAC ILE BIZARD QUE	B COM 3
LAROCQUE LESLIE FAITH 1 MCNICOLL CRESCENT DORVAL QUE	TCH ELEM 1 ME 1 6157
LAROSE PIERRE 8662 ST DENIS ST MONTREAL QUE	B ARCH 3 DU 8 1357
LARSBACK PEARL JOSEPHINE 2100 CLAREMONT AVE APT 4 MTL 1120 LANDSDOWNE AVE CALGARY ALBERTA	GR N CERT 1 HU 9 3648
LARSON CHARLES PHILIP 523 PINE AVE W APT 103 804 ADELAIDE PLACE SANTA MONICA CALIF U S A	MD CM 4 PL 7531
LARSON WILLIAM FRANK D L 437 WALPOLE AVE MONTREAL 16 QUE	B ENG MCH 5 RE 8 2179
LARSSON PETER C O GEOGRAPHY DEPT 539 PINE AVE W MTL 2 3475 STANLEY ST APT 7 MONTREAL QUE	M A 1
LASCHIAZZA DOMINIC 176 GOUIN BLVD WEST MONTREAL QUE	MD CM 2 DU 7 3548
LASKOWSKI JOHN EDWARD 3565 COTE DES NEIGES APT N MTL 6 EDWARD ST HAMILTON ONT	D D S 4
LASMAN RAMI 1235 BERNARD AVE APT 15 MONTREAL QUE	B SC 1 CR 7 6097
LASTER RUTH 6403 DE VIMY AVE MONTREAL QUE	TCH INT 1 RE 9 0113
LASZLO CHARLES ANDREWS 26521A BRINTON ROAD MONTREAL QUE	B ENG 2 RE 8 7179
LASZLO GABOR 3741 BASSET APT 9 MONTREAL QUE	B ENG MCH 3 RE 1384
LATHAM RAYMOND WALTER 1441 DRUMMOND ST MTL 66 FOURTH AVE OTTAWA ONT	B ENG COM 5 VI 9 4171
LATIMER JOHN MARTIN 3450 ATWATER AVE MONTREAL QUE	B A 4 WE 5 6091
LATOUR ROBERT NORMAN CENTRAL Y M C A 1441 DRUMMOND ST MTL 3 MONTROSE ST WORCESTER 10 MASSACHUSETTS U S A	D D S 1 VI 9 4171
LATTARO VICTOR 10630 DE MONTIGNY ST MONTREAL 12 QUE	B ENG 1 DU 1 1709
LATTIK TIINA MAY 118 SHERBROOKE ST BOX 72 BEACONSFIELD QUE	TCH INT 1
LAUDADIO ORESTO MARIO 4549 DELANAUDIERE MONTREAL QUE	B ENG 2 LA 4 8150
LAUER NAOMI ETHEL 5236 WESTBURY AVE MONTREAL QUE	TCH ELEM 1 EL 6582
LAURENDEAU ANDRE 455 ELM AVE MONTREAL QUE	B ENG AM 3 WE 7 3607
LAURIA JUDITH 5665 MACDONALD AVE MONTREAL QUE	PHYSIOTH 3 RE 3 4793
LAVALLEE PAUL ROY 401 SHERBROOKE E APT 1 1A LE BOULEVARD RIVIERE DU MOULIN CHICOUTIMI QUE	B ENG COM 5 VI 5 6667
LAVALLEE SIMON 1985 DE LONDRE ST MONTREAL 9 QUE	B ENG CIV 4 RI 7 6133
L AVENTURE GRETCHEN ANN MCLENNAN HALL 8 ORIOLE GDNS TORONTO ONT	PHYSIOTH 2
LAVERGNE RODOLPHE C 1625 COUGHTRY ST VILLE ST LAURENT QUE	M L S 2 RI 7 1798
LAVERTU LEO 3305 GOUIN BLVD EAST APT 1 MONTREAL 12 QUE	B ENG 2 DU 7 2746
LAWES LESLIE KEITH 44 STRATFORD ROAD MONTREAL 29 QUE	B ENG MCH 3 HU 1 2083
LAWRENCE RUSSELL DEAN 4940 CONNAUGHT AVE MONTREAL 29 QUE	B ENG 1 EL 3829
LAWRENCE WENDELL A 484 PRINCE ARTHUR ST W 46 HILLSBOROUGH ST ROSEAU DOMINICA B W I	B ENG CIV 4 VI 9 0677
LAWRIE IAN DOUGLAS MACDONALD COLLEGE WARREN ST ST AUGUSTINE TRINIDAD B W	B SC AGR 3
LAWSON MARY GERTRUDE 37 CHURCH HILL WESTMOUNT QUE	B SC P ED 1 WE 5 5747
LAWSON NORMAN CAMERON BOX 83 MACDONALD COLLEGE 18 BELLSMYRE AVE DUMBARTON SCOTLAND	M SC 2
LAX BERNARD BALFOUR 1888 NORWAY ROAD MONTREAL 16 QUE	M A 1 VI 5 2211
LAXSON ROBERT GORDON 3482 MCTAVISH ST MTL 133 MANVILLE AVE EAST ASBESTOS QUE	B ENG EL 4 PL 1674

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
LAYNE DESMOND CLAUDE 1566 PINE AVE W MTL P O BOX 105 KINGSTOWN ST VINCENT B W I	B SC 2 WI 3337
LAYNE RICHARD EVELYN C BOX 300 G MACDONALD COLLEGE P O BOX 105 KINGSTOWN ST VINCENT B W I	B SC AGR 3
LAZAR HARVEY 4974 FULTON ST MONTREAL QUE	B SC 2 RE R 7043
LAZARE MARK 5570 LAVOIE ST MONTREAL QUE	B SC 1 RE R R060
LAZAROVITZ LAWRENCE 3483 PEEL ST MTL R95 LEVIS AVE QUEBEC CITY QUE	B A 1 PL 0R82
LEACH GEOFFREY CAMPBELL 37 PARKSIDE ST MONTREAL WEST QUE	B SC 2 DE 4011
LEARY TIMOTHY MARTIN 34488 PEEL ST MTL 717 MT HOPE AVE ROCHESTER N Y U S A	B SC 4
LEBEAU PIERRE JEAN 8033 JEAN TALON ST MONTREAL 35 QUE	B ENG 1 RA R 7445
LEBEAULT JOSEPH ANDRE A P 36A ST CHARLES WEST LONGUEUIL QUE	B ENG CIV 3 OR 4 9460
LEBED OKSANA 5117 ST URBAIN ST MONTREAL QUE	B A 1 CR 7 9949
LE BLANC JOSEPH PATRIC Y 10020 VERVILLE ST MONTREAL QUE	B ENG 1 DU 1 3273
LEBLANC LEO CHARLES MACDONALD COLLEGE MARGAREE INV CO N S	B SC AGR 3
LE BLANC MAURICE ANDRE 7485 STUART AVE MONTREAL 15 QUE	B ENG CIV 4 CR 2 6750
LEBLOND PAUL 3637 STE FAMILLE ST MTL 341 SEMINAIRE AVE CHICOUTIMI QUE	B ENG 1 VI 5 3545
LEBLOND PHILIPPE LOUIS 6R CHESTERFIELD AVE MONTREAL 6 QUE	B ENG EL 3 EL 4H37
LEBOFF FRANK 4782 MAPLEWOOD AVE MONTREAL QUE	B COM 3 RE R 7542
LEBOVITZ HELEN 5275 HUTCHISON ST MONTREAL QUE	TCH ELEM 1 CR 7 5690
LEBOVITZ LORNA 11815 FILION ST MONTREAL QUE	TCH ELEM 1 RI 4 2733
LECHTER ARNOLD AARON 2100 HARCLAY AVE MONTREAL QUE	B C L 2 RE R 9195
LECHTER MORTIMER 621 CARLETON AVE WESTMOUNT QUE	B SC 4 DE 3251
LECKER CYNTHIA 6720 MOUNTAIN SIGHTS MONTREAL QUE	B A 1 RE 7 6729
LECKER SIDNEY 5065 GLENCAIRN AVE MONTREAL QUE	B SC 4 EL 6744
LECLERC JAMES RENE 4190 ST JOSEPH ST LACHINE QUE	B ENG CH 4 ME 7 R34R
LECLERC JEAN CLAUDE 119 BLVD LAURIER BELOEIL 715 2ND AVE SHAWINIGAN FALLS QUE	B ARCH 6 FO 7 4367
LECLERCQ GENEVIEVE F A 6 OLDFIELD AVE APT 106 MTL 27 RUE J J ROUSSEAU PARIS FRANCE	M SC 1
LEDDEN BARBARA ANNE ROYAL VICTORIA COLLEGE 205 NORTH AVE WEST CRANFORD N J U S A	B A 3 VI 9 0120
LEDERMAN SYLVIA DIANE 1249 GREENE AVE MONTREAL QUE	B A 3 WE 5 2000
LEDOUX GILLES 96 8TH AVE VILLE LASALLE QUE	PH D 1 PO R 5979
LEDOUX JEAN PIERRE 6635 DUMAS ST MONTREAL QUE	B ENG MCH 5 PO R 0520
LEDOUX ROBERT LOUIS 124 CHAMBLY ST MARIEVILLE QUE	M SC 2
LEDOUX YVON MARC 3880 COTE DES NEIGES MTL 150 MARIA AVE VILLE LASALLE QUE	B ENG COM 5 WE 5 1995
LEDUC JOSEPH HENRI GILLES 5827 HANNANTYNE AVE VERDUN QUE	B ENG MCH 5 PO 6 04R7
LEDUC JOSEPH WILFRID L 4231 DORCHESTER ST W APT 3 MTL TROUT RIVER GLENELM QUE	B SC P ED 4
LEE ALFRED SING WILSON HALL 311 WEST 21ST AVE VANCOUVER 10 B C	B ENG CH 3 BE 0624
LEE ANDREW JOHN MACDONALD COLLEGE CHELSEA QUE	B SC AGR 1
LEE D ARCY ALEXANDER 1001 SHERBROOKE ST MTL 123 ABERCROMBY ST PORT OF SPAIN TRINIDAD B W I	B SC 1 BE 0H11
LEE HEM WING 2072 CITY HALL AVE MONTREAL QUE	B ENG CH 3 PL 5997
LEE JOHN HUKSUN 3635 LORNE CRES APT B 30 HILLWOOD ROAD GROUND FLOOR KOWLOON HONG KONG	B ENG MCH 3
LEE JONATHAN KE PING 520 PRINCE ARTHUR ST MTL 436 CHATHAM ROAD KOWLOON HONG KONG	B ENG PHY 3 BE 0H04
LEE KWOK WING 3635 LORNE CRES MTL 32 TAI PO ROAD 3RD FLOOR KOWLOON HONG KONG	B ENG MCH 3
LEE YET CHEUNG 2100 MOREAU ST MTL RUA DA RESTAURACAO NO 3 10 MACAU	B SC 1 LA 1 9900
LEFCORT ROBERT 3460 SIMPSON ST APT 103 MONTREAL QUE	B A 2 WE 7 5961

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
LEFCORT STEPHANIE JOYCE 641 ROSLYN AVE MONTREAL 6 QUE	TCH INT 1 DE 5472
LEFEBVRE JACQUES XISTE L 5163 VERDUN AVE MONTREAL QUE	PARTIAL PO 8 6472
LEFERVRE MARIE LOUISE F 26 ROBERT AVE OUTREMONT 8 QUE	PARTIAL
LEFKOWITZ LESTER 3504 PARK AVE APT 7 MTL 1528 ALLERTON AVE BRONX 69 N Y U S A	PARTIAL VI 5 7624
LEFSON JOSEPH GERALD 5760 WILDERTON AVE MONTREAL QUE	B COM 2 RE 8 0209
LEGG EDWARD JOHN 362 CHAMPLAIN ST ST JEAN QUE 45 BRETAGNE AVE HAUTERIVE QUE	B COM 1
LEGG THOMAS HARRY 5765 HUDSON ROAD APT 2 MONTREAL QUE	PH D 3
LEHTO JOHN R 3200 GOYER ST MTL 21 MCMASTER AVE TORONTO ONT	B ENG 2 RE 2 1446
LEIBE EVA MARIA 4854 WILSON AVE MONTREAL QUE	PHYSIOTH 3 HU 8 3756
LEIBE RALPH 4854 WILSON AVE MONTREAL QUE	B ENG CIV 3 HU 8 3756
LEIBOVITCH JOSEPH 826 STUART AVE OUTREMONT QUE	B ENG CH 5 CR 2 9281
LEICHTAG HELENE 5150 DEACON ROAD MONTREAL QUE	B SC 3 RE 8 5302
LEIFFER RONALD SHELDON 6254 DE VIMY AVE MONTREAL QUE	B ENG CH 5 RE 7 7916
LEIGH HOWARD WILLIAM 3490 TRENHOLME AVE N D G MONTREAL QUE	B ENG PHY 3 DE 2033
LEIGHTON HENRY GEORGE 763 BLOOMFIELD AVE APT 2 OUTREMONT QUE	B SC 1 CR 1 9107
LEITH DONALD ROBERT 145 51ST AVE LACHINE QUE	D D S 1 ME 7 7470
LEITH WILLIAM CUMMING 4534 DRAPER AVE MONTREAL QUE	PH D 2 HU 8 7657
LEITHMAN SIDNEY HARRY 4130 DE BULLION ST MONTREAL QUE	B C L 1 AV 8 2350
LEITMAN MELVIN 4831 VICTORIA AVE MONTREAL QUE	B ENG 1 EL 9095
LEITMAN ROBERT REUBEN 6501 FIELDING AVE MONTREAL QUE	MED DIPL 4 DE 2618
LELOVIC HELEN MARY 385 MELBOURNE AVE TOWN OF MT ROYAL QUE	B COM 2 RE 7 6154
LEM MORLEY MUNN 3511 UNIVERSITY ST MTL 936A GERRARD ST E TORONTO 8 ONT	B SC 2 VI 9 7527
LE MAISTRE AUDREY ANN 3455 BROADWAY LACHINE QUE	B A 1 ME 7 1287

NAME ADDRESS	COURSE & YEAR TEL. NO.
LEMAY HENRI PAUL 542 SHERBROOKE ST W MTL 876 CLOUTIER ST TROIS RIVIERES QUE	M ENG 1 BE 0318
LEMON OLOF JEROME UNITED THEOLICAL COLLEGE R R 2 STANSTEAD QUE	B ENG 1
LEMON RUTH GWENDOLEN MCLENNAN HALL BOX 4 PEEBLES SASK	PHYSIOTH 3
LEMPERT HENRIETTA 7501 DE L EPEE AVE OUTREMONT QUE	PARTIAL CR 1 2984
LENDE RICHARD ALLAN 3495 PEEL ST APT 1 MONTREAL QUE	MED DIPL 4 RE 6430
LENET RUBY 5385 PARK AVE MONTREAL QUE	TCH ELEM 1
LENKI ANDREW 3620 HUTCHISON ST MONTREAL QUE	B ENG EL 3
LENTOIS EVANGELINE ROYAL VICTORIA COLLEGE 1065 PARK AVE APT 5 QUEBEC CITY QUE	B A 1
LEPINE ANDRE 1380 STEPHENS MONTREAL QUE	B ENG 1 PO 6 3012
LEPORE LEONARD ROBERT 5547A ST DOMINIQUE ST MONTREAL 14 QUE	B COM 1 CR 7 9556
LEPP TIINA 4860 QUEEN MARY ROAD APT 14 MONTREAL QUE	B A 2 RE 3 3861
LERNER EARL 4865 FULTON AVE MONTREAL QUE	B SC 2 RE 8 1673
LEROUX LISE CLAUDETTE ROYAL VICTORIA COLLEGE 436A ADOLPHUS ST CORNWALL ONT	B SC 3 PL 0598
LEROUX PIERRE GEORGE 3519 BORDEAUX ST MTL 11 RUE MICHEL CHAUVET GENEVA SWITZERLAND	B ENG 1 LA 1 4755
LESLIE IAN OGILVY 509 CLARKE AVE WESTMOUNT QUE	B ENG 1 WE 2 7989
L ESPERANCE DAVID PAUL 3500 MOUNTAIN ST MONTREAL QUE	B ENG 2 VI 9 8984
LESPERANCE PIERRE JACQUES 71 MORRISON TOWN OF MT ROYAL QUE	PH D 2
LESPERANCE RICHARD ROMEO 7690 LOUIS HEBERT ST MONTREAL 36 QUE	B A 4 RA 7 4163
LESTER EVA 408 WOLSELEY AVE MONTREAL WEST QUE	MED DIPL 4
LESYK ANATOLE 810 CHURCH AVE VERDUN QUE	B C L 3 PO 9 5745
LEUNER WILHELM RUPRECHT 3640 MOUNTAIN ST APT 1 P O BOX 33 OUDTSHOORN S AFRICA	M SC 1 VI 9 1459
LEUNG ALFRED KA CHE 2072 CITY HALL AVE MTL 25 F ROBINSON ROAD 3RD FLOOR HONG KONG	B ENG CIV 4 PL 5997

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
LEUNG COWAN 1530 ST ANTOINE ST MONTREAL QUE	B ENG PWR 5
LEUNG KAM YING 3519 LORNE ST APT 4 MTL 60 VILLAGE ROAD 1ST FLOOR HAPPY VALLEY HONG KONG	B SC 3 AV R 5891
LEUNG KWOK TZE 2073 TUPPER ST MTL 10 SOARES AVE KOWLOON HONG KONG	B ENG PHY 3
LEUNG MOLLY MACDONALD COLLEGE 5 PATIO DAS PALMAS MACAU	B SC H EC 1
LEUNG PHILIP M B BOX 45 MACDONALD COLLEGE 65 BONHAM ROAD 1ST FLOOR HONG KONG	M SC 2
LEUNG YIM 3566 LORNE AVE MTL 28 GILMAN BAZAAR HONG KONG	B ENG 1
LEVERT JOSEPH LOUIS PAUL 106 GRAHAM BLVD MTL BOX 465 KAPUSKASING ONT	B ENG 2 RE 7 7539
LEVESQUE GUY PHILLIPPE 4331A WELLINGTON ST VERDUN 19 QUE	B ARCH 2 PO 9 5596
LEVI JOHN PERCIVAL 3506 UNIVERSITY ST MTL 102 13 32ND AVE CORONA LONG ISLAND NEW YORK U S A	B ENG CH 3
LEVINE ALLEN LANCE 4541 HAMPTON AVE MONTREAL QUE	B COM 2 HU R 7981
LEVINE ANNE 4372 KING EDWARD AVE N D G MONTREAL QUE	HDICRAFTS 1 EL 2751
LEVINE ARTHUR 4372 KING EDWARD AVE MONTREAL QUE	B ENG 2 EL 2751
LEVINE DAVID ZELIG 4896 FULTON ST MONTREAL QUE	B SC 3
LEVINE ELIZABETH 5521 BRADFORD PL MONTREAL QUE	B A 2 RE R 4969
LEVINE JUDITH ANN ROYAL VICTORIA COLLEGE 10 INGLEWOOD DR HALIFAX N S	B A 3
LEVINE LEONARD ELIOT 4165 ESPLANADE MONTREAL QUE	M S W 1 AV R 3452
LEVINE MARTIN DAVID 2817 BEDFORD ROAD MONTREAL QUE	B ENG PHY 3 RE 9 1316
LEVINE SAUL 595 BRUNET ST VILLE ST LAURENT QUE	B SC 3 RI 7 5054
LEVITAN LEE SARA 4903 CUMBERLAND AVE MONTREAL QUE	B A 4 DE 7871
LEVITSKY SYLVIA 4670 LINTON AVE APT 4 MONTREAL QUE	TCH ELEM 1 RE 1 1078
LEVITT AARON 5436 HUTCHISON ST OUTREMONT QUE	PARTIAL CR 7 8983
LEVITT MICHAEL NORMAN 4315 MELROSE AVE APT 7 MONTREAL 28 QUE	MD CM 4 EL R495
LEVITT MILTON ARTHUR 3442 DECARIE BLVD MONTREAL 28 QUE	B COM 2 DE 9906
LEVITZ LAWRENCE GERALD DOUGLAS HALL CORNER BROOK NFLD	B SC 1
LEVY MORTIMER 1582 DUCHARME AVE OUTREMONT QUE	MD CM 1 CR 4 5670
LEVY NORMAN 6211 LENNOX AVE APT 8C MONTREAL QUE	B A 3 RE R 9292
LEVY ROBERT 4750 DUPUIS AVE APT F3 MONTREAL QUE	B SC 3 RE 3 8492
LEVY STEPHEN 690 ABERDEEN AVE WESTMOUNT QUE	B A 1 HU 1 5885
LEWIS ALBERT VICTOR 4059 WESTHILL AVE N D G MONTREAL QUE	B ENG 2 DE 1481
LEWIS ANNE CARTER ROYAL VICTORIA COLLEGE 275 HEMLOCK ST TIMMINS ONT	B SC N 2 PL 0847
LEWIS CONNIE AUDREY 5985 SOUART AVE APT 11 MONTREAL QUE	PHYSIOTH 3 RE R 0820
LEWIS EDMUND JEAN 3508 DUROCHER ST MTL 416 FORT WASHINGTON AVE NEW YORK 33 N Y U S A	B SC 4 VI 9 4352
LEWIS IDRIS RANFIELD 294 SHERBROOKE ST W MTL 47 CHURCH ST GARSON ONTARIO	B ENG 1 VI 9 0001
LEWIS IRWIN 5985 SOUART AVE APT 11 MONTREAL QUE	MD CM 4 RE R 0820
LEWIS JACQUELINE ELAINE 4059 WESTHILL AVE N D G MONTREAL QUE	M SC 1 DE 1481
LEWIS LEON 1914 CLINTON AVE MONTREAL 8 QUE	D D S 2 RE 7 2185
LEWITTES DAVID 1942 CLINTON AVE MONTREAL QUE	B SC 3 RE 7 2288
LEZNOFF CLIFFORD CLARK 370 WISEMAN AVE OUTREMONT QUE	B SC 1 CR 9 5817
LI HING LUN 3537 SHUTER ST APT 3 MTL ROOM 9 BLOCK G LI CHENG UK ESTATE KOWLOON HONG KONG	B ENG 2
LI KELVIN 3708 JEANNE MANCE ST MTL 12 LI SING ST HONG KONG	B ENG PHY 5
LIAKAKOS ARTEMIS ROYAL VICTORIA COLLEGE 141 WENTWORTH ST SAINT JOHN N B	B SC 1 VI 9 0030
LIANG KAR KWAN 5000 CLANRANALD AVE APT 306 N D G MONTREAL QUE	M ENG 2 EL 7772
LIBAN ASSEFA RAS MAKANNEN BRIDGE ADDIS ABABA ETHIOPIA	B C L 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
LIBERA FRANCIS ARTHUR 1441 DRUMMOND ST RM 409 176 PATRICIA AVE OTTAWA ONT	B ENG COM 5 VI 9 4171
LIBERTY JEAN BERNADETTE MACDONALD COLLEGE 641 RIVER ROAD PEMBROKE ONT	B SC H EC 2
LIBMAN LOUIS 6000 HUTCHISON ST APT 5 OUTREMONT QUE	B SC 2 CR 6 5432
LICHTENBERGER GUNTER J 4648 ORLEANS AVE MONTREAL QUE	B ENG PHY 4 CL 9 9546
LIDSKY ARNOLD 4694 MACKENZIE AVE MONTREAL QUE	B A 4 RE 9 0506
LIEFF LOIS ELIZABETH ROYAL VICTORIA COLLEGE 286 SHERWOOD DRIVE OTTAWA 3 ONT	B A 4 PL 0334
LIERSCH CELESTE BELNAP 55 FORDEN AVE WESTMOUNT QUE	M S W 1 WE 5 2223
LIFF JOSEPH Y M C A DRUMMOND ST 154 NELSON ST OTTAWA ONT	B ARCH 5
LIGHT IRWIN JOSEPH 218 MAPLEWOOD AVE OUTREMONT QUE	MD CM 3 CR 2 8077
LIGHTBODY VEDA MAUREEN MACDONALD COLLEGE 9 FAIRVIEW COURT LINDSAY ONT	B SC H EC 2
LIGHTHALL DOREEN SANDRA 505 TAIT ST VILLE ST LAURENT QUE	B SC 2 RI 7 8277
LIGHTHALL PATRICIA ANNE 505 TAIT ST VILLE ST LAURENT QUE	TCH ELEM 1 RI 7 8277
LIGHTHALL RICHARD ALAN 505 TAIT ST VILLE ST LAURENT QUE	B SC 4 RI 7 8277
LIGHTSTONE MARILYN ISOBEL 4710 QUEEN MARY RD APT 6 MONTREAL QUE	B A 1 RE 9 0187
LIMIANG JENNY JULIANA 3450 DRUMMOND ST MTL DJLN SETIABUDI 5 2H DJAKARTA INDONESIA	GR N CERT 1 RE 0653
LIIVA JAAN 349 9TH AVE MONTREAL 32 QUE	B ENG MCH 3 PO 6 1580
LILL RALPH BROOKE 3561 DUROCHER ST APT 3 BOX 273 KAPUSKASING ONT	B SC 4 VI 9 7414
LILLIE JOHN BARRY 14h DOUGLAS SHAND AVE PTE CLAIRE QUE	MD CM 1 OX 7 2755
LIMONARD THEUNIS MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
LIMONCHIK MORRIS 3642 ST LAWRENCE BLVD MONTREAL 18 QUE	B SC P ED 1 PL 4759
LIN MG SEIN 3615 UNIVERSITY ST MTL C O KOSEINWIN 105 93RD ST RANGOON BURMA	M S W 1 BE 0888
LIN SYLVIA JUNG PIN 525 PRINCE ARTHUR ST W 221D NATHAN ROAD KOWLOON HONG KONG	MD CM 1 BE 0017
LINCK PATRICIA MARIA 1455 DRUMMOND ST APT 313 C O M LINCK DE DUBOIS APARTADO 639 PANAMA CITY PANAMA	M S W 2 BE 1656
LINDELL JOHN LOUIS 3592 UNIVERSITY ST 10 DACTYLE ST ASBESTOS QUE	B COM 3 PL 2435
LINDELL KARL VICTOR 30 CAMPBELL AVE MTL WEST 10 DACTYLE ST ASBESTOS QUE	B ENG MCH 5 HU 1 3437
LINDO DAVID ALEXANDER DEEP ACRES CONSTANT SPRING P O JAMAICA B W I	B COM 1
LINDSAY DORIS 2112 CLAREMONT AVE APT 12 MONTREAL QUE	HU R 2690
LINDSAY FRASER RONALD 48 ARLINGTON AVE WESTMOUNT QUE	B C L 3 WE 7 2536
LINDSAY RAYMOND HUNTER 419 PRINCE ARTHUR ST MTL 980 RAYMOND ST CASGRAIN QUE	B ENG 1 VI 5 1088
LINDSAY ROBERT JOHN 4386 WESTERN AVE WESTMOUNT QUE	M ENG 2 WE 5 2184
LINDSTROM KARIN BIRGITTA 5686 QUEEN MARY ROAD HAMPSTEAD QUE	B A 2 HU 1 1476
LING MICHAEL THOMAS 1543 ST ANTOINE ST MTL 3 PAULTON SQUARE KINGS ROAD LONDON S W 3 ENGLAND	B A 4
LINTON NEVILLE OSWIN 590 SHERBROOKE ST W 1080 PROSPECT PLACE BROOKLYN N Y U S A	B COM 4 VI 9 1550
LINTS CARLTON EUGENE 4262 DORCHESTER ST MTL 23 ENGLISH ST ILION N Y U S A	MD CM 2 WE 7 6430
LIPFIELD IRIS 4564 OLD ORCHARD AVE MONTREAL QUE	B A 4 DE 5463
LIPOWSKI ZBIGNIEW JERZY 4680 DUPUIS AVE MONTREAL QUE	MED DIPL 3 RE 3 7646
LIPPAY ANDREW LOUIS 2307 HAMPTON AVE MONTREAAL 28 QUE	B ENG PWR 5 HU 1 7971
LIPPER CHARLES RALPH 490 STRATHCONA AVE MONTREAL QUE	B A 1 WE 3 9918
LIPPMAN HILLIARD DAVID 739 WILDER AVE MONTREAL 8 QUE	B ENG 1 CR 1 6200
LIPPMAN MURRAY LEONARD 3485 VAN HORNE AVE APT 9 MONTREAL QUE	B COM 4 RE 1 0955
LIPSETT MARIAN 4970 KINGSTON AVE N D G MONTREAL QUE	DE 6517
LIPSKI BERNARD 5616 PARKVIEW ROAD COTE ST LUC QUE	B ENG MCH 4 DE 6877
LIPSTEIN GERALD 4610 LINTON AVE APT 3 MONTREAL QUE	B SC 1 RE 9 1681
LIS JULIUS 5240 KING EDWARD AVE N D G MONTREAL QUE	B COM 3 DE 7305

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
LISOGURSKI HANNAH 6301 MCLYNN AVE MONTREAL QUE	B SC 3 RE 3 6635
LITMAN ABRAHAM 4606 COOLBROOK AVE MONTREAL QUE	B ENG EL 3 EL 4057
LITTLE EDWARD TAMBLING 417 LAIRD BLVD MONTREAL 16 QUE	B COM 1 RE 3 1800
LITTLE ELIZABETH HELEN MACDONALD COLLEGE R R 1 NORTH HATLEY QUE	B SC AGR 2
LITTLE JOHN ELLIOTT DOUGLAS HALL 1301 DE LAUNE AVE QUEBEC CITY QUE	B ENG 2 BE 0977
LITTLE JOHN MILTON 3 STRATHMORE BLVD STRATHMORE QUE	MD CM 1 ME 1 1506
LITTLE RUSSELL THOMAS MACDONALD COLLEGE R R 1 NORTH HATLEY QUE	B SC AGR 4
LITTLE SCOTT WELLS 3474 MCTAVISH ST APT 9 571 WARDLAW AVE WINNIPEG 13 MAN	MD CM 4 PL 0805
LITTLE THOMAS D ARCY MACDONALD COLLEGE 60 45TH AVE LACHINE QUE	B SC AGR 2
LITTLE WENDY MYRA P O BOX 950 MACDONALD COLLEGE 7521 DE L EPEE AVE MONTREAL 15 QUE	TCH INT 2
LITTLER ELLSWORTH R 406 PINE AVE W APT 11 IRVINGTON ON HUDSON NEW YORK U S A	MD CM 3 PL 2002
LITVACK IRVING ALLAN 4875 MACKENZIE AVE MONTREAL QUE	B SC 4 RE 3 2479
LITWACK MORTON JOSEPH 5640 WOODBURY AVE MONTREAL 26 QUE	B C L 1 RE 7 3830
LIVERPOOL SAMUEL ALLAN 3460 HUTCHISON ST MONTREAL QUE	D D S 3 VI 5 2630
LIVINGSTONE SAMUEL JAMES 10 CHURCH ST CHATEAUGAY N Y U S A	R D 1
LJUNGBERG CARL HENRIK 175 CHESTER AVE MONTREAL 16 QUE	R ENG MCH 3 RE R 4470
LLOYD LARRY DAVIES 732 DESAULNIERS BLVD ST LAMBERT QUE	B ENG 1 OR 1 6380
LLOYD MONA JEAN ROYAL VICTORIA COLLEGE 5 CLEMENT ROAD HANOVER N H U S A	B A 2 PL 0265
LO EDMOND KAI WAI 125 WESTMINSTER AVE N 6 TAK HING ST KOWLOON HONG KONG	B SC 3 EL 0600
LO TING WA 3631 LORNE CRES APT 5 397 HENNESSY ROAD HONG KONG	B ARCH 2
LOBHAN HORACE BRUCE C MACDONALD COLLEGE 11 BURLEY ROAD HALFWAY TREE JAMAICA B W I	B SC AGR 1
LOBEL LAWRENCE VINCENT 2712 COTE ST CATHERINE MONTREAL QUE	B SC 1 RE R 3409
LOBERG NORMAN BRYAN 215 LAKEVIEW AVE POINTE CLAIRE QUE	B ENG 2 OX 5 6347
LOBO FRANCIS CARIDADE 1441 DRUMMOND ST MTL 25 P O BOX 708 NAIROBI KENYA	B ENG 1
LOCHEAD JOHN ALBERT 4291 SHERBROOKE ST W WESTMOUNT QUE	B A 3 WE 2 5628
LOCHHEAD DAVID MORGAN 66 STRATHEARN AVE MONTREAL WEST QUE	B SC 3 DE 1576
LOEB BERNICE PERITZ 3325 DECELLES PLACE MONTREAL QUE	M A 2 RE R 9861
LOFFT JOHN GORDON 1297 REDPATH CRESCENT MONTREAL 25 QUE	MED DIPL 1 VI 5 3056
LOFFT MICHAEL MILES 1297 REDPATH CRESCENT MONTREAL 25 QUE	B A 1 VI 5 3056
LOHRENZ JOHN GEORGE 1025 PINE AVE W MTL 120 GRASSMERE POINTE CLAIRE QUE	MED DIPL 1
LOHSE ROBERTA LEE MACDONALD COLLEGE 30 ELMWOOD AVE SENNEVILLE QUE	B SC H EC 2
LONDON ELEANOR FLORENCE 4070 KENT AVE MONTREAL QUE	B A 3 RE R 0868
LONG HARLE BENSON 317 BROCK AVE N MTL 46 AVE DE NEW YORK PARIS FRANCE	B A 3
LONGTIN JEAN GUSTAVE 10870 BERRI ST AHUNTSIC QUE	B C L 1 DU 7 0715
LOO CHUN 544 ST ANTONIE ST ST LATIQUE QUE	B ENG 1
LORANGER DENIS REAL 10455 ST HUBERT ST MONTREAL QUE	B ENG CIV 4 DU R 6475
LORANGER MARIE AIMEE J 2320 LINCOLN AVE APT 12 MONTREAL 25 QUE	B C L 2 WE 3 7749
LORD THOMAS DYSON 162 LATOUR ST ST JOHNS QUE	B ENG 1 FI 6 4364
LORENZETTI DARIO W C 5732 MOLSON ST MONTREAL 36 QUE	MD CM 2 LA 2 9488
LORNE MARQUESS OF DOUGLAS HALL GRASMERE RHINEBECK N Y U S A	B ENG 2
LORRAIN JOSEPH LEO G 2543 FULLUM ST MONTREAL QUE	B ENG 1 LA 3 1852
LOSIER JOSEPH GUY MACDONALD COLLEGE TROUT STREAM N B	B SC AGR 3
LOSITO RAYMOND 396 OLIVIER AVE WESTMOUNT QUE	MD CM 2
LOTOCKI STANLEY JACK 3592 UNIVERSITY ST MTL CASTLE POINT MAN	B ENG CH 5 PL 2435

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
LOUGH ANDREA JANE ROYAL VICTORIA COLLEGE 25 FAIRY AVE HUNTSVILLE ONT	B ED 2 PL 0265
LOUIE SAMMY 801 ST PAUL ST W MONTREAL QUE	B ENG EL 3 UN 6 0205
LOUIZOS DEMETRIUS GEORGE 1431 STANLEY ST APT 1 49 AZATHOUPOLEOS ST ATHENS GREECE	B ENG COM 5 VI 9 9789
LOVI ANTHONY OSCAR 6300 TRANS ISLAND AVE MONTREAL QUE	B ENG 1 RE 3 5949
LOVI EVE MADLI 6300 TRANS ISLAND AVE MONTREAL QUE	PHYSIOTH 3 RE 3 5949
LOVINGER ALEX 5446 ST URBAIN ST MONTREAL QUE	B ENG 2 CR 1 3774
LOWE LAWRENCE EDWARD MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
LOWE MIRIAM 5195 BYRON AVE MONTREAL QUE	TCH ELEM 1 EL 3701
LOWENSTEIN PAUL JULIUS 631 VICTORIA AVE WESTMOUNT QUE	B A 4 HU 1 2304
LOWNDES PETER BOSTWICK 561 ALGONQUIN AVE TOWN OF MT ROYAL QUE	B ENG 1 RE 7 9732
LOWRY VIOLA ELIZABETH MACDONALD COLLEGE BOX 149 RICHMOND NORTH RICHMOND QUE	TCH ELEM 1
LOWTHER JAMES KERR 3683 HUTCHISON ST APT 3 MONTREAL QUE	B SC 4
LOWTHER RUTH LOUISE 3683 HUTCHISON ST APT 3 1375 SHERWOOD CRESCENT APT 206 MONTREAL 16 QUE	M SC 3
LOWY FREDERICK HANS 341 ST JOSEPH BLVD W - APT 4 MONTREAL QUE	MD CM 3 CR 6 7902
LUARD JOHN CHRISTOPHER E 151 ONTARIO ST W APT 7 PASLEY FARNHAM LANE HASLEMERE SURREY ENGLAND	B A 1 VI 9 4463
LUBIN MARTIN 855 ROCKLAND AVE OUTREMONT QUE	B A 1 CR 7 8961
LUCAS ELIZABETH JANE 18 DOBIE AVE TOWN OF MT ROYAL QUE	B SC 4 RE 1 2068
LUCAS JOSEPH CLAUDE M 3010 WESTMOUNT BLVD MONTREAL QUE	B COM 1 WE 2 6836
LUCAS KATHERINE ANNE ROYAL VICTORIA COLLEGE 5024 ECHO DRIVE R R 1 ROYAL OAK B C	B SC 3
LUCE JAMES EDWARD 5460 VICTORIA AVE APT 4 MONTREAL QUE	PH D 2 RE 8 1876
LUCIA GEORGE EDWARD 3466 MCTAVISH ST MTL 21 WILLIAM ST PLATTSBURG N Y U S A	MD CM 4 AV 8 9533
LUCIS OJARS JANIS 76 MONIQUE LAPINIERE QUE	PH D 2 OR 1 1290

NAME ADDRESS	COURSE & YEAR TEL. NO.
LUDANYI FRANK 2061 DORCHESTER ST W MONTREAL QUE	B A 3 WE 3 0181
LUDEMANN JOHN WILLIAM 3965 PLAMONDON AVE APT 1 KATONAH N Y U S A R F D 1 ROUTE 100	MD CM 3 RE 8 8776
LUETKEHOELTER FREDERICK E 6580 CLANRANALD AVE MONTREAL 29 QUE	B SC 1 RE 8 9324
LUFF CHRISTOPHER SIMS 3509 HUTCHISON ST APT 17 1219 MAIN ST LYNNFIELD CENTRE MASSACHUSETTS U S A	B SC 2 BE 5601
LUI GORDIE HOCK CHUNG Y M C A 1441 DRUMMOND ST 3 VILLAGE TERRACE HAPPY VALLEY HONG KONG	B ENG 2 VI 9 4171
LUKACSY SANDOR MACDONALD COLLEGE 3592 DUROCHER ST MONTREAL QUE	B SC AGR 1
LUKE GLORIA ISABEL 1236 FORT ST APT 3 MONTREAL QUE	B A 2 WE 7 2411
LUKE HOWARD JOSEPH 3552 SHUTER ST APT H MTL 4916 JEAN BRILLANT ST MONTREAL QUE	B A 2 RE 8 1325
LUKOSEVICILIS PETRAS P 569 GERALD ST VILLE LA SALLE QUE	PH D 4 PO 9 2254
LUKOW JULIANA CAROLINE 795 11 AVE LACHINE QUE	TCH INT 1 ME 7 1962
LUM HEE JOHN ALLAN 2014 VICTORIA ST MTL MAIN ROAD CHAGUANAS TRINIDAD B W I	B SC 1
LUM KAM MANKONG GEORGE 3592 DUROCHER ST MTL MAIN ROAD FYZABAD TRINIDAD B W I	D D S 1 BE 0359
LUM NORMAN 3900 PLAMONDON AVE APT 6 MONTREAL QUE	B ENG 1 RE 3 5207
LUMMIS LANCE JOSEPH U S C 2410 LOCKHART AVE TOWN OF MT ROYAL QUE	B SC 1 RE 7 8569
LUMSDEN EDWARD RAY 1680 LEPINE ST VILLE ST LAURENT QUE	B ENG 2 RI 7 3079
LUPU ALEXANDER JON 3010 DECELLES AVE APT 9 MONTREAL QUE	B ENG 1 RE 3 0833
LUPU GERALD HARVEY 4710 KENT AVE MONTREAL 29 QUE	MD CM 3 RE 8 2131
LUREAU DANIEL JACQUES H 3611 LORNE CRESCENT MTL 57 RUE ALBERT BARRAUD BORDEAUX FRANCE	L L M 1 BE 1609
LUSBY GERALDINE ELIZABETH ROYAL VICTORIA COLLEGE 56 BROOKFIELD ROAD OAKVILLE ONT	PHYSIOTH 4 PL 0526
LUSTGARTEN JACK ABRAHAM 2515 VAN HORNE AVE MONTREAL QUE	MD CM 1 RE 7 8684
LUTTERMAN HARRIET SORYL 4405 ROYAL AVE MONTREAL QUE	PHYSIOTH 2 HU 1 7849

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
LUTTMAN RACHEL MARY ROYAL VICTORIA COLLEGE 535 KENWOOD AVE OTTAWA 3 ONT	B SC 2 PL 0265
LUXENBERG PAULA FREIMAN ROYAL VICTORIA COLLEGE 72 OLD FOREST HILL ROAD TORONTO ONT	B A 2 VI 9 0120
LYALL ALAN WILLIAM L 122 45TH AVE LACHINE QUE	MD CM 2 ME 7 9630
LYDON ROSEMARY EDITH 339 VICTORIA AVE APT 7 WESTMOUNT QUE	B A 4 EL 7664
LYLE SEAFORTH MACCALLUM 363 WALNUT AVE ST LAMBERT QUE	B ENG COM 5 OR 1 6763
LYMAN WENDY JO ANNE 6030 COTE ST LUC ROAD MONTREAL QUE	B ENG 1 HU 1 4334
LYN RAMON MALCOLM 3646 LORNE CRESCENT MTL P O BOX 74 MANDEVILLE JAMAICA B W I	MD CM 3 VI 5 3677
LYNCH JOHN 8380 DE L EPEE AVE MONTREAL QUE	MED DIPL 1 CR 7 2796
LYNCH JOHN FRANCIS X 3471 PEEL ST MTL 4820 OVERBROOK PL DOUGLASTON LONG ISLAND NEW YORK U S A	MD CM 2 VI 9 0133
LYNCH WILLIAM WARREN 3485 MCTAVISH ST MTL 203 BANK ST SHERBROOKE QUE	B C L 2 VI 9 0141
LYNN WILLIAM BENEDICT 1514 CRESCENT ST MTL 3523 ST CHARLES ROAD STE GENEVIEVE DE PIERREFONDS QUE	B ENG COM 5 VI 9 0278
LYON WILLIAM HECTOR 3072 VAN HORNE AVE APT 1 MONTREAL QUE	B A 2 RE 3 9656
LYONS PATRICIA ANN MACDONALD COLLEGE 4114 LAKESHORE HWY E R R 2 BURLINGTON ONT	B SC H EC 1
LYONS THOMAS CLARENCE 765 RICHARD AVE VERDUN QUE	B COM 1 PO 6 5374
LYSTER NORMAN CAMPBELL 545 PINE AVE W MTL 62 S BROAD ST NORWICH NEW YORK U S A	MD CM 4

M

NAME ADDRESS	COURSE & YEAR TEL. NO.
MACARTHUR NEIL RAYMOND 3581 LORNE AVE APT 9 MTL BUCKINGHAM QUE	B A 2 AV H 3569
MACAULAY WILLIAM PHILIP 545 PINE AVE MTL 815 ELM AVE TEANECK N J U S A	MD CM 3
MACBAIN SHEILA KEITH ROYAL VICTORIA COLLEGE STAR ROUTE LAUGHLINTOWN PA U S A	B SC 2 PL 0571
MACCARONE UMBERTO 3422 IBERVILLE ST MONTREAL 24 QUE	A & S COM 1 LA 2 5551
MACCOLL RENE SUTHERLAND 3653 UNIVERSITY ST MTL THE CLOCK LODGE THE WARREN CROWBOROUGH SUSSEX ENGLAND	B SC 4 PL 2073
MACCONNELL HENRY M P O BOX 82 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
MACCRIMMON DUNCAN JAMES 1626 SELKIRK AVE MONTREAL QUE	B SC 3 WE 5 7093
MACCULLOCH RAE SINCLAIR ROYAL VICTORIA COLLEGE S S 1 BEDFORD N S	B A 2 VI 9 0120
MACDONALD CLARENCE JOSEPH 3471 PEEL ST APT 5 MONTREAL QUE	B ENG EL 4 VI 5 6491
MACDONALD EDWARD ANGUS 1678 EDWARD LAURIN BLVD MONTREAL 9 QUE	B ENG 1 RI 7 3227
MACDONALD ELIZABETH SCOTT 697 ABERDEEN AVE WESTMOUNT QUE	B SC 2 HU 1 6889
MACDONALD GORDON THOMAS 3590 UNIVERSITY ST MTL 922 CAMBRAI ST SHERBROOKE QUE	B ENG EL 4 VI 9 9680
MACDONALD HEATHER JANET BOX 950 MACDONALD COLLEGE 20 MOUNTAIN ST GRANBY QUE	TCH INT 2
MACDONALD HUBERT DOUGLAS 3592 UNIVERSITY ST MTL 3710 ROYALE BLVD THREE RIVERS QUE	B ENG 1 PL 2435
MACDONALD JOAN CATHERINE 3474 MCTAVISH ST MTL 31 GRENVIEW BLVD N TORONTO ONT	B N 2 PL 0805
MACDONALD JOHN FERGUS LOCUST HILL ONT	B SC 1
MACDONALD MARILYN JEAN MACDONALD COLLEGE BOX 93 SCOTSTOWN QUE	TCH ELEM 1
MACDONALD PAUL ALBERT MACDONALD COLLEGE PANMURE ISLAND P E I	B SC AGR 3
MACDONALD ROBERT 104 5304 MACDONALD AVE MONTREAL 29 QUE	PARTIAL HU 9 6497
MACDONALD RONALD NEIL A 3484 DUROCHER ST APT 311 707 22ND AVE N W CALGARY ALTA	MD CM 3 AV R 9975
MACDOUGALL ALEXANDER G 3485 MCTAVISH ST MTL 151 PANNETON ST ASBESTOS QUE	M A 1 VI 9 0141
MACDOUGALL ALEXANDER I 1782 DUNKIRK ROAD MONTREAL 16 QUE	B ENG CIV 3 RE 7 1711
MACDOUGALL EDMUND ROBERT 1102 ELGIN TERRACE MTL 6080 GOUIN BLVD W SARAQUAY QUE	B A 1 BE 1616
MACDOUGALL IAN 221 RIVERMERE RD ST LAMBERT QUE	B ENG 1 OR 1 8217
MACDOUGALL MARGUERITE E STEWART HALL MACDONALD COLLEGE 1820 JEAN NICOLET THREE RIVERS QUE	TCH INT 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MACDOUGALL MARIAN EDITH 9095 GOUIN BLVD W SARAQUAY QUE	B SC 1 RI 7 2961
MACEDO LUIS STANLEY MACDONALD COLLEGE CORREO CENTRAL AREQUIPA PERU	B SC AGR 1
MACEDO DE MARTINETTI E MACDONALD COLLEGE CORREO CENTRAL AREQUIPA PERU	B SC H EC 1
MACELUCH WALTER JOHN 7710 MOLSON ST MONTREAL QUE	B ARCH 4 RA 7 7606
MACEWAN DOUGLAS WILLIAM 3181 MAPLEWOOD AVE APT 9 MONTREAL QUE	MED DIPL 4 RE 7 6197
MACEWEN DOUGLAS WILFRED 105 SUNNYSIDE AVE POINTE CLAIRE QUE	B ENG 1 OX 5 9692
MACEWEN GLENN HILTON 105 SUNNYSIDE AVE POINTE CLAIRE QUE	B ENG 1 OX 5 9692
MACFARLAN MICHAEL DOUGLAS 1715 MCGREGOR ST MTL 101 CHURCH ROAD ARDMORE PA U S A	PARTIAL
MACFARLAND FRANCES MURRAY BOX 959 MACDONALD COLLEGE 335 OXFORD ST WINNIPEG MAN	EDUCATION 1
MACFARLANE ANN ETHEL MACDONALD COLLEGE 29 MADAWASKA DRIVE OTTAWA ONT	B SC H EC 2
MACFARLANE CAMERON IAN DOUGLAS HALL 159 CADILLAC AVE BOURLAMAQUE QUE	B ENG 1
MACFARLANE MONA AYLMER 521 PRINCE ARTHUR ST W 439 SHERBOURNE ST TORONTO ONT	M SC 4 AV 8 0919
MACFARLANE ROBERT EUGENE 25 PINE AVE APT 325 MONTREAL QUE	MD CM 1
MACFAWN VERNON GORDON 3485 MCTAVISH ST MTL BOX 573 WOODSTOCK N B	B ARCH 5 VI 9 0141
MACGREGOR JEAN ANNE 420 WALNUT AVE ST LAMBERT QUE	B SC 1 OR 1 5126
MACHAMER JEROME FRANK 1000 MCGREGOR ST APT 100 EAST HOLLEY ROAD HOLLEY N Y U S A	M SC 1 VI 9 9810
MACHIN PATRICIA MARY A 66 QUEENS ROAD VALOIS QUE	B A 3 OX 5 3547
MACINNES IAN CAMPBELL 3281 FOREST HILL AVE APT 31 MTL HORTONVILLE KINGS CO N S	B ENG CIV 5 RE 8 8057
MACINNIS GLENDA JANE ROYAL VICTORIA COLLEGE 645 VICTORIA DRIVE PENTICTON B C	B COM 1 PL 0597
MACINTOSH JAMES ALEXANDER 4238 GRAND BLVD MONTREAL QUE	PARTIAL HU 9 2912
MACINTOSH JOHN URQUHART 1291 KINGSTON AVE OTTAWA ONT	PARTIAL
MACINTOSH MARY CHRISTINE 145 WOLSELEY AVE MONTREAL WEST QUE	B SC 2 HU 1 7939
MACINTYRE ROBERT JOHN 222 MELVILLE AVE WESTMOUNT QUE	PH D 2
MACISAAC CYRIL JOSEPH 3637 OXENDEN AVE MTL CHERRY VALLEY P E I	MD CM 2 VI 9 0504
MACK GORDON SEAN BRADSHAW 5450 COTE DE LIESSE RD DORVAL QUE	B SC 1 ME 1 3950
MACKAY BETTY JEAN 5090 COTE ST LUC RD MTL NEW LISKEARD ONT	B N 2 EL 3808
MACKAY CHRISTOPHER J E 5715 DARLINGTON AVE APT 6 MONTREAL 26 QUE	B ENG COM 5 RE 8 9546
MACKAY DONALD GORDON 42 DUFFERIN ROAD HAMPSTEAD QUE	B ENG 1 EL 3537
MACKAY DOUGLAS GRAHAM 3508 UNIVERSITY ST MTL 67 STE URSULE ST QUEBEC CITY QUE	B D 1 BE 0752
MACKAY DOUGLAS K 5384 CLANRANALD AVE MONTREAL QUE	B ENG MCH 4 EL 5416
MACKAY JACQUES ROBERT MONTREAL CHILDRENS HOSP 4080 VAN HORNE AVE MONTREAL QUE	MED DIPL 3
MACKAY MARY BARCLAY 42 DUFFERIN ROAD HAMPSTEAD QUE	B A 4 EL 3537
MACKAY MARY JEAN MACDONALD COLLEGE 4115 GRAND BLVD MONTREAL 28 QUE	TCH KIND 1
MACKAY PETER ANDREW 3045 CEDAR AVE MONTREAL QUE	B A 3 WE 2 9060
MACKEAN BOYD EDMUND 4330 SIR GEORGE SIMPSON LACHINE QUE	M SC 1 ME 7 0745
MACKENZIE ALAN STEWART 3601 UNIVERSITY ST MTL P O BOX 103 SCOTSTOWN QUE	B ENG MI 5 VI 9 4487
MACKENZIE ALLAN 657 ST JOSEPH ST CHAMBLY BASSIN QUE	B SC 2 FO 2 7155
MACKENZIE BRENDA E 27 WOLSELEY AVE S MONTREAL WEST QUE	B SC 1 HU 1 2989
MACKENZIE BRIAN WALLACE 426 REVERE AVE TOWN OF MT ROYAL QUE	B ENG 2 RE 8 8539
MACKENZIE FLORENCE INA 2050 CLAREMONT AVE APT 6 MTL 112 HOSPITAL AVE NEW GLASGOW N S	B N 2 HU 9 3242
MACKENZIE GEORGE FINLAY BOX 3000 R R 1 TRENTON PICTON COUNTY N S	B SC AGR 4
MACKENZIE JAMES ROBERTSON 3432 PEEL ST MTL 900 SHERBROOKE ST W MONTREAL QUE	MD CM 3
MACKIE DANIEL ARTHUR 1191 CRESCENT ST APT 5 MONTREAL QUE	B ENG MCH 3 UN 1 3785

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MACKINNON CAROL JOANNE F MACDONALD COLLEGE 237 16 ST VAL D OR QUE	TCH INT 1
MACKINNON HUGH NEIL 2735 GOYER ST MONTREAL QUE	B SC 2 RE 8 3229
MACKINNON MARGARET JOAN ROYAL VICTORIA COLLEGE 560 CONNAUGHT AVE HALIFAX N S	PHYSIOTH 2 VI 9 0858
MACLAREN GEORGE ROY 3440 COTE DES NEIGES APT 2 MTL BUCKINGHAM QUE	B A 1 WE 5 3161
MACLEAN ANGUS AUGUSTINE BOX 88 MACDONALD COLLEGE BOX 280 FREDERICKTON N B	PH D 2
MACLEAN DONALD RODERICK M BOX 134 CHIBOUGAMAU QUE	B ENG MI 4
MACLEAN DOUGLAS GORDON 4102 MARLOWE AVE MONTREAL 28 QUE	B ENG 2 HU 9 1300
MACLEAN JUDITH MARIAN ROYAL VICTORIA COLLEGE ELM AVE HUDSON HEIGHTS QUE	B SC 1 PL 0847
MACLEAN NORA BERYL 420 MOUNT STEPHEN MONTREAL QUE	B L S 1 WE 3 4391
MACLELLAN ROBERT STANFORD 631 PRINCE ARTHUR ST W APT 4 MTL 132 WINDERMERE AVE TORONTO ONT	D D S 2 VI 9 1566
MACLENNAN JOHN CALVIN 5561 BASIL PATENAUDE APT 17 MTL 48 ST STEPHEN ST BOSTON 15 MASS U S A	MD CM 3 LA 5 4234
MACLEOD ALISTAIR DONALD 3851 UNIVERSITY ST MTL C O MRS C CAMPBELL NOD HILL WILTON CONN U S A	B A 3 AV 8 8463
MACLEOD CATHERINE SHIRLEY 3630 HUTCHISON ST APT 2 DENMARK COLCHESTER CO N S	GR N CERT 1 VI 5 8718
MACLEOD DONALD LEE 8200 24 AVE MONTREAL 38 QUE	B ARCH 4 RA 7 1857
MACLEOD HEATHER MARGARET ROYAL VICTORIA COLLEGE BOX 70 MASSON QUE	B SC 1 VI 9 0030
MACLEOD JOHN DOUGLAS HALL DUNVEGAN CASTLE ISLE OF SKYE SCOTLAND	B COM 3 PL 2420
MACLEOD JOHN CLARK MACDONALD COLLEGE BOX 22 DUNVEGAN ONT	B SC AGR 1
MACLEOD MARGARET LOUISE ROYAL VICTORIA COLLEGE INVERNESS N S	B SC 4 PL 0526
MACLEOD MARILYN GORDON ROYAL VICTORIA COLLEGE P O BOX 56 WHYCOCOMAGH N S	PHYSIOTH 1 PL 0597
MACMAHON ELIZABETH E R ROYAL VICTORIA COLLEGE 19 HUBBARD PARK CAMBRIDGE 38 MASS U S A	B A 4 PL 0477

NAME ADDRESS	COURSE & YEAR TEL. NO.
MACMILLAN GAIL ANNE C 990 FIRST AVE VERDUN QUE	B A 1 PO 9 5569
MACMILLAN HUBERT NOEL MACDONALD COLLEGE 312 FITZROY ST CHARLOTTETOWN P E I	B SC AGR 3
MACMILLAN ROBERT MURRAY 3590 RIDGEWOOD AVE APT 202 MONTREAL QUE	B SC 2 RE 7 4697
MACMORINE JOHN MORAY W 3485 MCTAVISH ST MTL BOX 74 WALES ONTARIO	B ENG 1
MACNAUGHTON CARA 9 HUDSON AVE WESTMOUNT QUE	B A 2 WE 3 5317
MACNAUGHTON DAVID 272 MORRISON AVE TOWN OF MT ROYAL QUE	B SC 3 RE 7 8128
MACNAUGHTON DONALD A MACDONALD COLLEGE R R 4 HUNTINGDON QUE	B SC AGR 2
MACNAUGHTON JOHN ERIC 272 MORRISON AVE TOWN OF MT ROYAL QUE	MD CM 1 RE 7 8128
MACNEILL ANNABEL DAISY 1524 ST MATTHEW ST MONTREAL 25 QUE	WE 3 9220
MACNINTCH JOHN EDWIN MACDONALD COLLEGE 40 NORTH ST MONCTON N B	B SC AGR 4
MACPHERSON ALEXANDER S 3474 COTE DES NEIGES RD APT 28 MONTREAL QUE	MED DIPL 1 WE 2 8714
MACPHERSON ROWLAND W F MACDONALD COLLEGE ROCK RIVER ESTATE ROCK RIVER P O JAMAICA B W I	B SC AGR 3
MACPHERSON WILLIAM JAMES 3466 MCTAVISH ST MTL 10 SUBWAY ST CAMPBELLTON N B	MD CM 4 AV 8 9533
MACRAE ARTHUR W M J 4784 VICTORIA AVE MONTREAL 6 QUE	S T M 1 EL 3357
MACRAE COLIN IAN 2388 BEAUBIEN ST MONTREAL 36 QUE	B A 3 RA 1 6250
MACRAE ELIZABETH DAWN COOKSHIRE QUE	TCH ELEM 1
MACRAE HEATHER NEALES 4330 MONTROSE AVE WESTMOUNT QUE	PHYSIOTH 3 WE 3 9659
MACRAE HERBERT FARQUHAR BOX 53 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
MACRAE KENNETH JOHN MACDONALD COLLEGE PLHISTER MINES VICT CO N S	B SC AGR 3
MACTAGGART DONALD JOHN 755 LANSDOWNE AVE MONTREAL 6 QUE	B ENG 2 DE 0434
MACTAVISH NEIL BRUCE 74 CHESTERFIELD AVE WESTMOUNT QUE	B SC 3 HU 1 1541
MACWHIRTER IAN BASIL MACDONALD COLLEGE NEW RICHMOND QUE	TCH ELEM 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
MACZKO JOSEPH FRANK 475 PINE AVE W MTL 142 MAXWELL ST SARNIA ONT	BE 4270	B COM 2
MADORE CLAUDE 460 CHAMPAGNEUR OUTREMONT QUE	CR 9 2671	B ENG 1
MAGARVEY RAYMOND HALLIDAY WOLFVILLE NOVA SCOTIA		PH D 3
MAGASANIK ERY 4525 ROYAL AVE MONTREAL 28 QUE	HU 1 6204	B ENG 1
MAGDER DAVID MICHAEL 597 LANSDOWNE AVE WESTMOUNT QUE	EL 8057	B SC 1
MAGEE MICHAEL 84 EASTON AVE MONTREAL WEST QUE	DE 5016	B ENG 1
MAGILL FRANK 6750 DEVIMY AVE MONTREAL QUE	RE 8 8846	MD CM 2
MAGISTE ILVE RUTH 3490 HUTCHISON ST MONTREAL QUE		B A 4
MAGNAN JACQUELINE MARIE 4600 KING EDWARD AVE MONTREAL QUE	HU 1 7923	B COM 4
MAGNUS MAXWELL RUDYARD 3506 UNIVERSITY ST MTL 2 NEUVILLE ORACABESSA JAMAICA B W I	VI 5 1696	B ENG EL 3
MAGOR MURRAY CHURCHILL 3473 UNIVERSITY ST MTL 37 SWALLOW AVE STRATHMORE QUE	VI 9 4902	B D 2
MAGUIRE GERARD HUGH MTL GENERAL HOSPITAL MONTREAL QUE	WE 7 0611	MED DIPL 3
MAGUIRE JOHN GORDON 19 ROBERT OUTREMONT QUE	RE 8 0733	MD CM 3
MAHABIR ENA BARBARA MCLENNAN HALL 8 COBLENTZ GARDENS ST ANNS PORT OF SPAIN TRINIDAD B W I	PL 0044	B SC 3
MAHABIR FRANK LIONEL 25 PINE AVE W APT 104 8 COBLENTZ GARDENS ST ANNS PORT OF SPAIN TRINIDAD B W I	AV 8 4406	B COM 3
MAHABIR ROY NEVILLE 25 PINE AVE W APT 104 8 COBLENTZ GARDENS ST ANNS PORT OF SPAIN TRINIDAD B W I	AV 8 4406	B ARCH 2
MAHAFFY DAVID FREDERICK 6220 DE VIMY AVE OUTREMONT QUE	RE 1 6984	B SC 2
MAHALINGAM VAITHILINGAM 1477 CHOMEDEY ST MTL TAMILAGAM URUMPIRAI CEYLON	WE 7 4794	B L S 1
MAHAN CORNELIA WARD ROYAL VICTORIA COLLEGE OLD GREENBUSH ROAD BLAUVELT N Y U S A	VI 9 0858	B A 4
MAHONEY FRANCIS XAVIER 475 PINE AVE W MTL 8 SYLVESTER RD BOSTON 22 MASS U S A	BE 4270	D D S 3
MAHONEY JOHN AIDAN 4604 COOLBROOK AVE MONTREAL QUE	DE 3644	B ENG COM 5
MAILLET CLAUDE RAOUL J 3547 HUTCHISON ST MTL 1991 VICTORIA AVE THREE RIVERS QUE	VI 5 3053	B ENG COM 5
MAILLOUX MARCEL BOX 58 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE		M SC 1
MAIR BARBARA EVE STEWART HALL MACDONALD COLLEGE BOUGAINVILLE OLD STONY HILL ROAD CONSTANT SPRING P O JAMAICA B W I		B SC P ED 2
MAISONNEUVE FERNAND 1567 MCGREGOR ST MTL MASSON R R NO 1 PAPINEAU CO QUE		B ENG MCH 5
MAJCHROWICZ EDWARD 3511 SHUTER ST APT 6 MONTREAL QUE	VI 5 7845	PH D 2
MAJOR CHARLES RICHARD 4095 COTE DES NEIGES RD APT 15 MONTREAL QUE	WE 2 6454	B COM 4
MAJOR CLAIRE 19 STAYNER ST APT 6 WESTMOUNT QUE	WE 2 7095	GR N CERT 1
MAK SHIU HUNG DANNY 3543 LORNE AVE MTL 37 WING ON ST HONG KONG		B SC 2
MAKELA PEKKA OLAVI 2234 SOUVENIR ST MONTREAL QUE		B ENG 1
MAKI MARLENE LILLIAN 3465 SIMPSON ST MTL BOX 404 WETASKIWIN ALTA	WE 5 0333	GR N CERT 1
MAKIN HARRY GORDON 29 LILAC AVE N DORVAL QUE	ME 1 3302	M A 2
MAKKAY ZOLTAN 7613 10TH AVE VILLE ST MICHEL MONTREAL QUE		M SC 1
MALCOLM BARBARA ANN 1575 SUMMERHILL AVE APT 212 MONTREAL QUE	WE 5 4916	GR N CERT 1
MALCOVITCH LESLIE OHRYN DOUGLAS HALL 904 SECOND ST KAMSACK SASK		B SC 1
MALFTSKAS CONSTANTINE 284 ARGYLE AVE VERDUN QUE	PO 7 0987	B ENG 1
MALEY THOMAS JOSEPH 34485 MCTAVISH ST MTL 394 MULRY LANE LAWRENCE N Y U S A		B A 4
MALIK KHALID MEHMUD 2054 CITY COUNCILLORS ST 977 NUR VODIN ST ABBOTTABAD WEST PAKISTAN	VI 9 0909	B ENG CIV 4
MALIS GERALD 5613 PALMER AVE COTE ST LUC QUE	HU 9 6327	B SC 1
MALLAMO JOSEPH ROBERT 7536 ST DENIS ST MONTREAL 10 QUE	CR 6 4563	B ENG CIV 3
MALLAMO RAYMOND GEORGE 6791 11TH AVE MONTREAL 36 QUE	RA 2 7094	B ENG PHY 4
MALLET NOAH LAWRENCE 3220 RIDGEWOOD AVE APT 115 MONTREAL QUE	RE 7 3966	B A 3

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MALLWITZ MARLENE GUNVOR 33 ST GEORGE ST 3312 VERDUN AVE VERDUN QUE	TCH ELEM 1
MALONE GEORGE EDWARD WILSON HALL 57 KING ST THETFORD MINES QUE	B ENG 1 BE 0624
MALONE LAWRENCE BRIAN 3592 UNIVERSITY ST MTL 669 LAVIOLETTE AVE THREE RIVERS QUE	B ENG MCH 5 PL 2435
MALONEY ALFRED 6615 1ST AVE ROSEMOUNT 238 MONTCALM ST BERTHIERVILLE QUE	B ENG PHY 4
MALONEY ALLEN JOSEPH 6615 1ST AVE ROSEMOUNT 238 MONTCALM ST BERTHIERVILLE QUE	B SC 2
MALONEY GERALD FRANK 328 1ST AVE VILLE LA SALLE QUE	B ENG 2 PO 6 7063
MALTBY DOUGLAS WILLIAM L BOX 39 MACDONALD COLLEGE	B ENG MCH 5
MALTES QUILLERMO EDUARDO 1900 ST JOSEPH BLVD APT 4 MONTREAL QUE	B ENG 1 LA 1 5666
MALUS ALBERT 5503 TRANS ISLAND AVE MONTREAL QUE	B ENG 1
MALUS MICHAEL HAROLD 5119 LACOMBE AVE MONTREAL QUE	B A 2 RE 8 7384
MALUS NORMAN LEONARD 5119 LACOMBE AVE MONTREAL QUE	B C L 1 RE 8 7384
MALUS ZEHAVA BOX 95 MACDONALD COLLEGE 5503 TRANS ISLAND MONTREAL QUE	B SC AGR 4
MALVET HELENE ANNA BROSSEAU STATION QUE	B A 1 OR 1 3175
MAMELAK MORTIMER 4568 HUTCHISON ST MONTREAL QUE	B SC 3 CR 6 8810
MAMOURIS CONSTANTINE 6875 LASALLE BLVD VERDUN QUE	MED DIPL 1 TR 4711
MANACE CAROLYNE HELEN ROYAL VICTORIA COLLEGE 46 RIDELLE AVE TORONTO ONT	B A 2 PL 0113
MANARY SHELDON ECHLIN 2057 MCGILL COLLEGE AVE APT 1 MTL 542 ELM AVE TEMISKAMING QUE	B ENG COM 5
MANEL MAURICE 4837 ST URBAIN ST MONTREAL QUE	B A 2 VI 9 4914
MANGEL ROMAN 5403 JEANNE MANCE ST MONTREAL QUE	B SC 3
MANIATES MARY 50 GOUNOD ST MONTREAL 16 QUE	TCH ELEM 1
MANKIEWICZ JACQUELINE M 5495 EARNSCLIFFE AVE MONTREAL QUE	B A 2 HU 1 4942
MANN ERNEST LEIGH 1000 MCGREGOR ST APT 302 C O MR L K MANN VECTIS P O WINTERTON NATAL SOUTH AFRICA	PH D 4
MANN SANDRA LOUISE C MACDONALD COLLEGE 91 SOMERSET ROAD BAIE D URFEE QUE	B SC H EC 2
MANNING OLIVE TERESA C O MISS COOK 2330 LINCOLN AVE APT 3A 23 WHINBERRY AVE RAWTENSTALL LANCS ENGLAND	GR N CERT 1 WE 2 9430
MANNING WILLIAM PATRICK 3630 HUTCHISON ST APT 20 MONTREAL 18 QUE	PH D 3 VI 5 3561
MANNINGER ANDREW 2125 DORCHESTER ST W MONTREAL QUE	B ENG 1
MANOLOVICI GERARD EVANS 3470 MOUNTAIN ST MONTREAL QUE	B ENG MI 5 AV 8 1608
MANSFIELD ARTHUR WALTER 3657 PARK AVE APT 8 MONTREAL QUE	PH D 5 VI 5 9807
MANSFIELD PAUL ARTHUR 624 PRINCE ARTHUR ST W 1783 RIVERSIDE DRIVE E WINDSOR ONT	M S W 1
MANSFIELD WILLIAM NELS 890 KENILWORTH ROAD MONTREAL 16 QUE	M SC 1
MANSOUR ROBERT JOHN 1625 LAIRD BLVD TOWN OF MT ROYAL QUE	B COM 3 RE 3 3476
MANSOUR VIRGINIA MARY 1625 LAIRD BLVD TOWN OF MT ROYAL QUE	B A 3 RE 3 3476
MARAVEI A DANIEL 4280 HENRI JULIEN AVE MONTREAL QUE	B ENG EL 3 AV 8 3824
MARAVEI ANGELO 4280 HENRY JULIEN AVE MONTREAL QUE	B ENG 1 AV 8 3824
MARCEAU VINCENT DE PAUL 816 SHERBROOKE ST E MTL 232 WORTHINGTON ST E NORTH BAY ONT	B ENG 2 LA 3 5252
MARCHAND LOUIS PAUL 7455 LOUIS HEMON MONTREAL QUE	B ENG 1 RA 1 0103
MARCHILDON KEITH ERNEST 940 THOMAS CHAPAIS ST MARTIN QUE	B ENG CH 5 MU 1 5423
MARCOTTE JACQUES GUY 4121 HAMPTON AVE MTL 410 NOTRE DAME THETFORD MINES QUE	B COM 3 DE 6495
MARCOTTE PETER WAYNE 3 DE NORMANDIE ST PREVILLE QUE	B COM 1 OR 1 7481
MARCOVITCH ARTHUR 5211 ROSEDALE AVE MONTREAL QUE	B A 4 HU 0 3168
MARCOVITCH STEPHEN 5087 VAN HORNE AVE MONTREAL 29 QUE	B A 2 RE 8 7113
MARCUS ANTHONY MARTIN DEPT OF PSYCHIATRY QUEEN MARY VETR HOSP MONTREAL QUE	MED DIPL 1
MARGETTS BARRY DESMOND W 1111 GREENE AVE WSTMT 349 HIGH ROAD WOOD GREEN LONDON N 22 ENGLAND	B ENG 2 WE 3 2687
MARGLES SIDNEY MYER 3784 KENT AVE MONTREAL QUE	B A 1 RE 7 6365

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
MARGOLESE BARRY JACK 5568 BORDEN AVE MONTREAL QUE	DE 9307	B ENG 1
MARGOLESE IRWIN 535 OUTREMONT AVE OUTREMONT QUE	CR 1 6646	D D S 1
MARGOLESE RICHARD GORDON 4925 PONSARD AVE MONTREAL QUE	RE R 3089	MD CM 2
MARGOLICK RHODA DOROTHY 2031 GREY AVE MONTREAL QUE	EL 5613	B A 2
MARGULIS BARRY 249 SHERATON DRIVE MONTREAL WEST QUE		B A 1
MARIER ANDRE 1567 MCGREGOR ST APT 21 MONTREAL QUE	WE 7 7807	PH D 2
MARINEAU LUCIEN 294 SHERBROOKE ST W MTL 2182 GEORGE ST SHAWINIGAN FALLS QUE		B ENG MCH 4
MARION MARCEL JOSEPH L 4980 BLVD ROSEMONT MONTREAL QUE	CL 5 4622	B ENG 1
MARK TOMMY SHEW KUEY 3590 CLARK ST MONTREAL 19 QUE	VI 9 7160	B SC 2
MARKES PATRICIA ELAINE 3521 SHUTER ST MTL 1049 STERLING PLACE BROOKLYN 13 N Y U S A		B A 3
MARKEY JOHN FREDERICK 235 PORTLAND AVE TOWN OF MT ROYAL QUE	RE 7 1496	B ENG 1
MARKO ANNE MARIE 5492 PRUD HOMME AVE MTL 2227 RAE ST REGINA SASK	HU 9 2006	M A 2
MARKS CHARLES FRANCIS MACDONALD COLLEGE CONROY NFLD		B SC AGR 3
MARKS MELVIN ISAAC 5530 CLANRANALD AVE MONTREAL 29 QUE	RE 7 4533	B SC 1
MARKSTEIN KURT 470 PRINCE ARTHUR ST W APT 1 MTL 115 PLAYFAIR AVE TORONTO 10 ONT	AV R 3593	B A 4
MARLER ERIC 3851 UNIVERSITY ST MTL 120 LANSDOWNE ROAD ROCKCLIFFE OTTAWA ONT		MD CM 4
MARLEY EUGENE IGNATIUS 5297 PARK AVE MTL BOX 138 BILLINGS BRIDGE OTTAWA ONT	CR 4 6997	B SC 3
MARLEY MICHAEL ALISTAIR 3851 UNIVERSITY ST MTL 7 BEDWARDINE ROAD LONDON S E 19 ENGLAND		B SC 2
MARPOLE DEREK GIFFORD F 3478 MCTAVISH ST MTL WYNDWARD COMO QUE	PL 7412	B A 1
MARQUIS MAURICE 3484 DUROCHER ST MTL C P 696 ST FELICIEN QUE	VI 5 0915	M SC 1
MARQUIS ROLAND PIERRE 2175 GAUTHIER ST MTL 2044 BOURBONNIERE ST SILLERY QUE	LA 2 8411	B ARCH 2
MARR ALLAN ROBERT WILSON HALL P O BOX 503 SAINT JOHN N B		B ENG 1
MARS HAROLD 5022 COTE DES NEIGES RD APT 2 MONTREAL 28 QUE	RE R 4970	MD CM 2
MARSAN MAHMAT KAMIL 3656 DUROCHER ST APT 3 MONTREAL QUE	BE 4 1613	L L M 1
MARSDEN DONALD 3660 LORNE CRESCENT APT 5 MONTREAL QUE	VI 5 8470	
MARSH DAVID CAMPBELL MACDONALD COLLEGE 57 LASCELLES BLVD TORONTO 7 QUE		B SC AGR 2
MARSH JOYCE NELLIE 3706 PEEL ST MTL 4 LAURISTON ROAD WIMBLEDON LONDON S W 19 ENGLAND	AV R 2062	GR N CERT 1
MARSH MELANIE CECIL MACDONALD COLLEGE R R 1 KNOWLTON QUE		TCH INT 1
MARSHALL DAWN ELIZABETH 4396 MAYFAIR AVE MONTREAL 28 QUE	DE 7940	B SC N 2
MARSHALL ELIZABETH ANN 375 44 AVE LACHINE QUE	ME 7 4141	TCH INT 2
MARSHALL GABRIELLE C O U K TRADE COMM 1111 BEAVER HALL HILL MONTREAL QUE		B A 2
MARSHALL JOYCE ANNIE 7400 CHURCHILL ROAD MONTREAL QUE	RE 7 3420	PH D 2
MARSHALL KENNETH GEORGE 546 PINE AVE W APT 4 MTL 11125 SASKATCHEWAN DRIVE EDMONTON ALTA	PL 5501	MD CM 4
MARSHALL LIANE MARIETTA 22 COOLBREEZE AVE LAKESIDE QUE	OX 5 2897	B ENG 1
MARSHALL MARY EVELYN BOX 892 MALARTIC QUE		TCH ELEM 1
MARSHALL MICHAEL KING 4396 MAYFAIR AVE MONTREAL 28 QUE	DE 7940	B ENG 1
MARSHALL VALIN GEORGE K MACDONALD COLLEGE 3 VANYSPECK STRAAT SAN NICHOLAS ARUBA NETHERLANDS W INDIES		B SC AGR 3
MARSTON DONALD DAVID 122 DEASE ST FORT WILLIAM ONT		B ENG MCH 5
MARSTON GLORIA CLAIRE 3570 SHUTER ST APT 7 MTL P O BOX 221 STATION B MONTREAL QUE	VI 9 8287	PHYSIOTH 4
MARTEL RENE ROBERT 5965 34TH AVE MONTREAL 36 QUE	CL 5 1682	PH D 1
MARTENS ANTHONY FRASER 4095 COTE DES NEIGES RD APT 20 MTL GAZLE SLOPE PILTDOWN SUSSEX ENGLAND	WE 5 1052	B ENG 1
MARTIJN CHARLES AUGUST 653 GROSVENOR AVE WESTMOUNT QUE	EL 0666	

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MARTIN ALLAN JOSEPH 3600 UNIVERSITY ST MTL 289 GLOUCESTER ST OTTAWA ONT	M S W 1
MARTIN ARTHUR JOHN 1300 BEAULIEU ST VILLE ST LAURENT QUE	B ENG 1 RI 7 8817
MARTIN DAVID EDWIN 3851 UNIVERSITY ST MTL BABCOCK ROAD ROCKPORT MASS U S A	B COM 2 BE 6423
MARTIN DAVID WALLACE WILSON MEMORIAL HALL 15 HOLMDALE ROAD SYSTON LEICESTER ENGLAND	B ENG 2 BE 0624
MARTIN DONALD JOHN 258 SHERBROOKE ST W MTL 2001 22A ST S W CALGARY ALTA	B ENG 2
MARTIN DONALD MERING 401 BEAUMONT AVE ST BRUNO QUE	B ENG COM 5
MARTIN FERNAND 2625 BEAUPARLANT ST HYACINTHE QUE	PH D 2
MARTIN GARTH ERINGTON 3552 SHUTER ST MONTREAL QUE	PARTIAL VI 5 7711
MARTIN HAROLD GEORGE WILDWOOD VAUDREUIL QUE	M A 3
MARTIN HELEN JEAN MAPLE ST STE ANNE DE BELLEVUE P O BOX 174 LANSDOWNE ROAD KNOWLTON QUE	EDUCATION 1
MARTIN HENRY ARNE 3508 DUROCHER ST MTL LOWER MIDDLE ROAD CLARKSON ONT	B ENG 1 VI 9 4352
MARTIN JANE MARILYN MACDONALD COLLEGE 5120 KING EDWARD AVE MONTREAL 29 QUE	TCH INT 1
MARTIN JANET CONSTANCE 799 UPPER BELMONT AVE WESTMOUNT QUE	B A 1 EL 2H18
MARTIN JEAN ANGELA MACDONALD COLLEGE THE RAMBLE RAMBLE P O JAMAICA B W I	HOMEMAKER 1
MARTIN JOHN K 3605 RIDGEWOOD AVE MTL 504 MCGILVRA BLVD SEATTLE 2 WASH U S A	MD CM 2 RE 8 7633
MARTIN JOSEPH RENE GILLES 30 CHURCH AVE STRATHMORE QUE	B COM 1 OX 5 5720
MARTIN LUCRETIA ELOISE WILDWOOD VAUDREUIL QUE	B ED 1
MARTIN RONALD D J 153 QUINN BLVD LONGUEUIL QUE	B ENG MCH 5
MARTIN WILLIAM GERALD C O CHEMISTRY BLDG 37 BEDFORD CR OTTAWA ONT	PH D 3
MARTIN YVES 300 SHERBROOKE ST W MTL 1707 LAJOIE ST TROIS RIVIERES QUE	B ENG CH 3 PL 0590
MARTINEAU JEAN CHARLES 3532 LORNE ST MTL MONTCERF QUE	B ARCH 5
MARTINETZ RICHARD 2450 ST ANTOINE ST MONTREAL QUE	B ENG MCH 3 AV 8 3775
MARTINOW VICTOR MICHAEL 1400 RUE PLESSIS MONTREAL QUE	B SC 2 LA 2 0121
MARTINS ALBERT BANKOLE 9 AJELE ST LAGOS NIGERIA	B ENG CIV 3
MARTTILA WALTER RAYMOND 4487 BORDEN AVE MONTREAL QUE	M A 1 HU 9 7384
MARTUFI MARJORIE S 3677 PEEL ST APT 3 MONTREAL QUE	PH D 2 VI 5 0796
MARWICK JOHN STUART 380 RIVER ST ST LAMBERT QUE	B A 1 OR 1 7140
MARYNIAK OLEH MYCHAIL B 7117 13TH AVE MONTREAL QUE	B SC 2 RA 1 5605
MARYNOWSKI ANDREW W 4083 ST URBAIN ST APT 3 MONTREAL QUE	B ENG CH 5 BE 2747
MASCIS JOSEPH DONALD BOX 135 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	D D S 4
MASLIN KATHLEEN LINDA MACDONALD COLLEGE 640 GRACE ST LACHUTE QUE	HOMEMAKER 1
MASLOWSKI WALTER 7458 BIRNAM AVE MONTREAL QUE	B ENG MCH 4 CR 1 7482
MASON JUDITH HELEN 225 WOLSELEY AVE MONTREAL WEST QUE	B SC 3 HU 1 8207
MASON MARY CATHERINE 5445 COTE ST ANTOINE RD MONTREAL QUE	B A 1 HU 1 6806
MASON WESLEY GILMOUR 344 CHESTER AVE TOWN OF MT ROYAL QUE	B A 4 RE 8 6128
MASON WILLIAM EDWARD H 41 HAWTHORN AVE TORONTO 4100 COTE DES NEIGES RD APT 6 MONTREAL QUE	MED DIPL 4 WA 4 8000
MASS ISHAEL 949 SIR ADOLPHE ROUTHIER QUEBEC 6 QUE	B A 2
MASSE MICHELINE 3839 ST ANDRE ST MONTREAL QUE	M S W 1 LA 6 5053
MASSIAH HUBERT ARDEN C 3473 UNIVERSITY ST MTL BOX 189 R C A F ST HUBERT QUE	B D 2 VI 9 4902
MASSIAH WENDY ANNE ROYAL VICTORIA COLLEGE TAITTS ST JAMES BARBADOS B W I	PHYSIOTH 4
MASTER ELI 4044 MACKENZIE AVE MONTREAL QUE	B ENG 1 RE 8 2623
MASTERS NORMA 1095 DEGUIRE ST VILLE ST LAURENT QUE	B SC 1 RI 7 8782
MASTRIANNI XAVIOR L 3510 LORNE AVE MTL 131 NO 2ND AVE MECHANICVILLE N Y U S A	MD CM 3 BE 8967
MASTROCOLA JOSEPH 7492 DE LA ROCHE MONTREAL 10 QUE	B ENG 2 CR 2 9044

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MATALON ROSETTE DOLLY 555 SHERBROOKE ST W MONTREAL 2 QUE	B A 4 PL 0327
MATHER DAVID STEAD 364 LANSDOWNE AVE WESTMOUNT QUE	B SC 3 WE 2 1522
MATHER GRAEME KENNETH 364 LANSDOWNE AVE WESTMOUNT QUE	B SC 4 WE 2 1522
MATHER HYLDA ELENA M PENARTH SARAGUAY QUE	B A 3 RI 7 2149
MATHER MICHAEL STEWART 3022 TRAFALGAR AVE MONTREAL QUE	B C L 2 WE 2 7886
MATHESON DIANE BRADLEY 4400 OLD ORCHARD AVE MONTREAL QUE	B SC P ED 3 HU 1 6379
MATHEW ZACHERIA GEORGE 3612 DUROCHER ST MONTREAL QUE	PH D 3
MATHEWSON DONALD GEORGE 12 KILLARNEY POINTE CLAIRE QUE	B ENG CIV 4 OX 5 3652
MATHISON WILLIAM 795 45TH AVE LACHINE QUE	M ENG 1 ME 7 0439
MATIN SYED MURAD WILSON HALL 43 J P E C H SOCIETY BLOCK VI KARACHI 29 W PAKISTAN	B ENG CIV 3
MATOSSIAN ROBERT PAUL A 3500 MOUNTAIN ST MONTREAL QUE	B A 1 PL 4019
MATSON KENNETH MORLAND 642 MURRAY HILL AVE WESTMOUNT QUE	B ENG MCH 3 HU 1 6508
MATSUBUCHI EDWARD T 454 HUDSON AVE MONTREAL WEST QUE	B ENG CIV 3 HU 8 6119
MATTHEWS DEBORAH MARY MACDONALD COLLEGE 4560 SIR GEORGE SIMPSON LACHINE QUE	B SC H EC 2
MATTHEWS HAROLD WILFRED 200 MONTENACH ST LONGUEUIL QUE	B ENG COM 5 OR 7 3265
MATZKO PETER 6619 2ND AVE MONTREAL 36 QUE	MD CM 4 RA 7 8157
MAUER IRVING 226 NORTH FOURTH AVE HIGHLAND PARK N J U S A	PH D 5
MAUGER YVAN 3541 SHUTER ST MTL 150 MAIN ST GRANBY QUE	B COM 2 PL 0892
MAULE JOHN DOUGLAS 3420 PEEL ST MTL MCMASTERVILLE QUE	B SC 4 PL 7385
MAURICE WILLIAM L 2935 BRIGHTON AVE MONTREAL 26 QUE	B A 2 RE 1 1643
MAVRIAS ASIMINA 5033 WELLINGTON ST VERDUN QUE	B SC 2 PO 9 2556
MAW ALLAN WILFRED BOX 105 BOLTON ONT	B ENG 2
MAXWELL WILLIAM KEITH 3611 LORNE CRES MTL C O W V HOOKER RIVERSIDE DRIVE PICKERING ONT	MD CM 2 BE 1609

NAME ADDRESS	COURSE & YEAR TEL. NO.
MAY GEORGE HAMILTON 104 ARLINGTON AVE WESTMOUNT 6 QUE	B ENG CIV 4
MAY JENNIFER WENDY 515 ROSLYN AVE WSTMT 207 RADIN ROAD ARVIDA QUE	B A 1 WE 7 4318
MAY MORTIMER 6034 COOLBROOK AVE MONTREAL QUE	M SC 1 RE 7 8762
MAYEROVITCH DAVID 4840 WESTMOUNT AVE WESTMOUNT QUE	B SC 1 EL 6560
MAYHEW ARTHUR LEONARD 4055 JEAN RENOU LACHINE QUE	B SC 4 ME 7 0492
MAYNARD JAMES EDWIN 3851 UNIVERSITY ST MTL 10730 WENTWORTH AVE CHICAGO 28 ILL U S A	MD CM 3 BE 0977
MAYNARD JOCELYN KATHRYN L ROYAL VICTORIA COLLEGE BOX 281 DAVIDSON DRIVE R R 1 OTTAWA ONT	B SC 2 VI 9 0858
MAYNE DESMOND P 5150 WESTHILL AVE APT 12 C O 730 EDMONDS ST SOUTH BURNABY B C	D D S 3 HU 1 6336
MAZAK EDWARD 7576 STUART AVE MTL 2048 YPRES AVE WINDSOR ONT	D D S 1 CR 4 9997
MAZLIACH EUGENE 3345 ELLENDALE AVE APT 14 MONTREAL QUE	B ENG 2 RE 3 7797
MAZUREK EDWARD 8175 BIRNAM ST MONTREAL QUE	B ENG 1
MAZUTIS JURIS 2057 MAPLEWOOD AVE APT 7 MONTREAL QUE	B ENG 2 RE 3 5511
MCADAM JOSEPH BARRY 3503 PARK AVE MTL 3 REGENT ST ROCHESTER 7 N Y U S A	B ENG PHY 3 AV 8 7991
MCADAM WILFRID BRIAN 82 PERCIVAL AVE MONTREAL WEST QUE	B ENG 2 DE 4019
MCALLISTER KATHLEEN 6 DOBIE AVE TOWN OF MT ROYAL QUE	PHYSIOTH 3 RE 3 6814
MCALLISTER MARGARET JEAN 6 DOBIE AVE TOWN OF MT ROYAL QUE	PHYSIOTH 3 RE 3 6814
MCALONEY JEAN MILDRED 2480 MAYFAIR AVE MTL 12 WENTWORTH ST SAINT JOHN N B	HU 8 3847
MCARTHUR GEORGE DOUGALD 3466 MCTAVISH ST MTL 136 3RD ST CO ROUYN NORANDA QUE	MD CM 1
MCARTHUR PAULINE GERTRUDE MACDONALD COLLEGE 172 RAGLAN ST S RENFREW ONT	B SC H EC 2
MCBRIDE JOHN HAROLD 7555 BERRI ST MONTREAL 10 QUE	B SC 3 CR 7 6942
MCBRIDE MOLLIE ELIZABETH 3573 LORNE AVE APT 7 MTL WATERVILLE KINGS CO N S	PH D 1 VI 5 9302

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MCBURNEY VINTON CAMPBELL P O BOX 214 MACDONALD COLLEGE P O BOX 11 SAWYERVILLE QUE	TCH ELEM 1
MCCALLUM JOHN DONALD 4592 OXFORD AVE MONTREAL QUE	B ENG MCH 5 HU 1 5376
MCCALLUM WILLIAM C 1118 ELGIN TERRACE MONTREAL QUE	D C L 1 VI 5 7573
MCCARTHY GLADSTONE 258 SHERBROOK ST W MTL D 55 VEDADO HABANA CUBA	B ENG 1 BE 7836
MCCARTHY JOSEPH WILLIAM 3473 UNIVERSITY ST MTL 10784 PIGEON AVE MONTREAL NORTH QUE	B D 1
MCCLEAN JANETTE SCOTT B 4251 OXFORD AVE N D G MONTREAL QUE	MD CM 2 EL 0591
MCCLEARY KEITH FREDERICK MACDONALD COLLEGE SHAWVILLE QUE	B SC AGR 3
MCCLOSKEY BRIAN PATRICK 3431 DRUMMOND ST MTL 14 FAIRBAIRN AVE OTTAWA ONT	B ARCH 2 VI 9 0243
MCCOLLUM ROBERT HENSON CASA BELLA HOTEL 258 SHERBROOKE ST W MTL 22 UPPER ALBERT ROAD SHEFFIELD 8 ENGLAND	B ENG 2 BE 7836
MCCOMB DAVID JOSEPH 379 43RD AVE LACHINE QUE	B ENG 2 ME 7 0886
MCCONNIE GEMMA PATRICIA MACDONALD COLLEGE 13 SIXTH ST LAVENTILLE B W I	B SC H EC 2
MCCORMACK JOHN MICHAEL 258 SHERBROOKE ST W MTL 10 CELANESE SQUARE DRUMMONDVILLE QUE	B ENG CH 4 VI 9 0714
MCCORMICK ANDREW QUINN 426 SHERBROOKE ST W APT 5 MTL 1813 MARSHALL ST KELOWNA B C	MD CM 2 VI 9 6588
MCCORMICK GEORGINA S ROYAL VICTORIA COLLEGE 73 SOUTHERN DRIVE OTTAWA ONT	B A 4 VI 5 0858
MCCORMICK MYRA JOAN C ROYAL VICTORIA COLLEGE 152 MT PLEASANT ROAD BRANTFORD ONT	B SC 4 PL 0327
MCCOY IDA ANN 24 PALMERSTON AVE TOWN OF MT ROYAL QUE	B SC 1 RE 7 8357
MCCREE WILLIAM 3650 OXENDEN AVE MONTREAL QUE	B ENG 1
MCCRORIE JAMES NAPIER 5264 MUSSET AVE MONTREAL QUE	B A 4 DE 1034
MCCRORY THOMAS PATRICK 231 KENSINGTON AVE WESTMOUNT QUE	D D S 3 WE 2 1554
MCCUAIG HOLLY RUTH 165 EDGEHILL ROAD WESTMOUNT QUE	B A 3 HU 1 1993
MCCULLAGH PAULINE 3562 UNIVERSITY ST MONTREAL 2 QUE	B A 2 VI 5 9876
MCCULLOUGH EDWARD EASTMAN 21 ST CHARLES AVE DORVAL QUE	PH D 1 ME 1 8130
MCCULLY KEITH ALLEN BOX 49 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 2
MCCUTCHEON CAROL MARJORIE 1670 CHURCH ST VILLE ST LAURENT QUE	B SC 4 RI 7 6022
MCCUTCHEON DAVID CAMERON 1670 CHURCH ST VILLE ST LAURENT QUE	B ENG 2 RI 7 6022
MCCUTCHEON EDNA ELIZABETH MACDONALD COLLEGE R R 1 SPRINGFIELD KINGS CO N B	B SC H EC 2
MCDERMID RONALD F MACDONALD COLLEGE R R 1 THURSO QUE	AG AD DIP 2
MCDIARMID DONALD PETER 190 RIVERMERE ROAD ST LAMBERT QUE	B ENG 2 OR 1 0983
MCDONALD CHARLES EMMONS 3508 DUROCHER ST MTL 141 BLVD DU HAVRE VALLEYFIELD QUE	B SC 4 VI 9 4352
MCDONALD DONALD GLEN 377 PRINCE ARTHUR ST W 110 BRIGHTON AVE OTTAWA ONT	B ENG CIV 5 VI 9 0622
MCDONALD GLENNA CLAIRE 16 CEDAR AVE PTE CLAIRE QUE	TCH INT 1 OX 5 5986
MCDONALD ROBERT WILLIAM DOUGLAS HALL 501 RICHMOND ST E OSHAWA ONT	B COM 3 VI 5 3654
MCDONNELL FRANCIS TERENCE BOX 206 STATION H MTL APT 79 N E M HOUSE RTH AVE BULAWAYD S RHODESIA	B ENG 2
MCDOUGALD JOYCE MAUD MARY 5590 QUEEN MARY ROAD HAMPSTEAD QUE	B A 2 DE 5168
MCDOUGALL GRAEME A MACDONALD COLLEGE BOX 112 SHAWVILLE QUE	B SC AGR 1
MCDOUGALL LINDA MARGARET 200 COTE ST ANTOINE ROAD WESTMOUNT QUE	B A 3 WE 5 2027
MCEACHERN GAIL DUVAL 3578 UNIVERSITY ST MONTREAL QUE	B A 2 VI 9 9946
MCEWEN MARION JOAN 99 CHURCHILL ROAD BAIE D URFE QUE	B SC H EC 4
MCFADYEN JOHN EDGAR T 309 MONMOUTH AVE TOWN OF MT ROYAL QUE	B ENG 1 RE 3 3757
MCFALL IAN KELLER MACDONALD COLLEGE 4544 OLD ORCHARD N D G MONTREAL QUE	B SC AGR 1 EL 5803
MCFARLAND GERALD RAY 4155 MELROSE AVE N D G 54 MILLWOOD ROAD TORONTO ONT	B ENG 1 DE 0164
MCFARLAND ROBERT WALLACE MACDONALD COLLEGE 59 WOODLAND AVE BEAUREPAIRE QUE	B SC AGR 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MCFARLANE ROSS ALEXANDER 3485 MCTAVISH ST MTL 46 CAROLINE ST E BURLINGTON ONT	PH D 5 VI 9 7681
MCFEE RICHARD DONALD MYRO 3508 DUROCHER ST MTL 66 WILFRID ST VALLEYFIELD QUE	B ENG 1
MCGARRY MICHAEL GRIMBLY 1190 DUNVEGAN ROAD MONTREAL 16 QUE	B ENG 1 RE 1 1984
MCGIBBON JOAN MARGARET 3565 HUTCHISON ST MTL 2605 8 ST S W CALGARY ALTA	* M S W 1 AV 8 2016
MCGILLIS ELIZABETH ANNE 746 UPPER LANSDOWNE AVE WESTMOUNT QUE	B A 3 DE 3600
MCGILLIS THOMAS JOSEPH 3610 HUTCHISON ST MTL 3443 CATTARAUGUS AVE CULVER CITY CALIF U S A	MD CM 4 VI 9 9560
MCGILLVARY JOSEPH IRVING 4780 COTE DES NEIGES RD 22 AGNEW ST AMHERST N S	MED DIPL 2 RE 1 0844
MCGILTON GORDON L 1508 UNIVERSITY ST MTL STANSTEAD QUE	B C L 4 VI 5 4873
MCGINITY BERNARD BOND 545 PINE AVE W MTL 153 MOUNT ROAD WALLASEY CHESHIRE ENGLAND	MD CM 1
MCGOUGH ELEANOR THERESA 3480 ONTARIO AVE MTL 8 VAUGHAN AVE HALIFAX N S	PHYSIOTH 3
MCGOWAN JAMES 1115 LAJOIE AVE APT 10 OUTREMONT QUE	B SC P ED 1
MCGOWAN MURRAY IAN 356 PORTLAND AVE TOWN OF MT ROYAL QUE	B ENG CIV 4 RE 8 1341
MCGREGOR DOUGLAS REID 3478 MCTAVISH ST MTL 203 BAYVIEW AVE TORONTO ONT	H ENG 2 PL 7412
MCGRUER FREDERICK KEITH 885 LINDSAY ST VILLE ST LAURENT QUE	B SC 4 RI 7 4420
MCHAFFIE LAURA JEAN 10351 CHRISTOPHE COLOMB MONTREAL QUE	B A 3 DU 8 2611
MCILQUHAM MORVEN CAMERON 4055 GRAND BLVD N D G MONTREAL QUE	B A 3 DE 6244
MCILREATH FRED J BOX 6 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
MCINTOSH BRUCE ANDREW 5554 BASILE PATENAUDE APT 4 MONTREAL QUE	PH D 4 LA 4 3895
MCINTYRE EDITH JEAN 1592 PINE AVE W MTL 15 PACIFIC SHORES APTS HAULTAIN ST VICTORIA B C	GR N CERT 2
MCIVER ALAN ROBERT 228 CHAPLEAU ST ROSEMERE QUE	B ENG 1 TA 7 4034
MCIVER JOHN DAVID MACDONALD COLLEGE 25 PACIFIQUE STE ANNE DE BELLEVUE QUE	B SC AGR 2
MCIVER RODERICK JOHN P O BOX 308 ROSEMERE QUE	B ENG 2 TA 7 4034
MCKAY ALEXANDER RONALD 1250 LOMBARD CRES APT 410 TOWN OF MT ROYAL QUE	M ENG 1 RE 9 0609
MCKAY DONALD HARTFORD CASA BELLA HOTEL 258 SHERBROOKE ST W MTL 2110 23 AVE S W CALGARY ALTA	B ENG 2 BE 7102
MCKEE BEVERLEY WILLIAM 3851 UNIVERSITY ST MTL 1530 5TH AVE W OWEN SOUND ONT	MD CM 1
MCKEEN VERNON JOHN S 3647 UNIVERSITY ST MONTREAL QUE	B SC 2 VI 9 2806
MCKEEN WILLIAM BREADNER 3626 OXENDEN AVE MONTREAL QUE	MD CM 3 VI 9 6706
MCKELL HEATHER ELIZABETH MACDONALD COLLEGE BOX 247 ORMSTOWN QUE	TCH ELEM 1
MCKELLAR JEAN ANNE ROYAL VICTORIA COLLEGE P O BOX 156 DORION QUE	B A 1 PL 0597
MCKELLAR KATHERINE E ROYAL VICTORIA COLLEGE P O BOX 156 DORION QUE	B SC 3 PL 0327
MCKELVEY GARNETH LOIS V 10023 PARK GEORGE BLVD MONTREAL NORTH QUE	B SC P ED 1 DU 8 4797
MCKERGOW JAMES IAN 230 LOGAN ST ST LAMBERT QUE	B SC 3 OR 1 6404
MCKERGOW MARILYN JEAN BOX 950 MACDONALD COLLEGE 45 CLARK HILL WATERLOO QUE	TCH INT 2
MCKINLEY HUBERT THOMAS 5723 WOLSLEY AVE COTE ST LUC PENDLETON ONT	B ENG COM 5 HU 1 5038
MCKINNEY PETER WEBER 3851 UNIVERSITY ST MTL R F D WEST DANVILLE VERMONT U S A	MD CM 2
MCKINNON DONALD IAN 3484 PEEL ST MTL 540 MURDOCH AVE NORANDA QUE	B SC 2 VI 9 5354
MCKINNON DOUGLAS ARCHIE 1065 TRUDEAU VILLE ST LAURENT QUE	MD CM 1 RI 4 0835
MCKIRDY HELEN G BOX 255 MACDONALD COLLEGE 547 S AYNDICATE AVE FORT WILLIAM ONT	M SC 1
MCKNIGHT JOAN ROSALIND 629 CLARKE AVE WESTMOUNT QUE	PHYSIOTH 3 WE 3 5568
MCLACHLAN WILLIAM BRUCE 5995 SOMERLED AVE N D G MONTREAL QUE	B ENG PWR 5 EL 2914
MCLACHLIN IAN 4864 COTE DES NEIGES RD MONTREAL QUE	B ENG MCH 3 RE 8 6828
MCLAREN WILLIAM ALLEN 125 HICKSON AVE ST LAMBERT QUE	B ENG CIV 3 OR 1 1481

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MCLARREN PHILIP HARRIS 4R48 WESTMOUNT AVE WESTMOUNT QUE	B COM 3 HU 1 9357
MCLAUGHLIN ELLIS M 1592 PINE AVE MTL CHATHAM N B	B ENG MI 4
MCLEAN BARRIE ANGUS LEIF 3700 MOUNTAIN ST APT 4 MONTREAL QUE	MUS B 3 VI 9 1573
MCLEAN CLAUDIA JEAN MACDONALD COLLEGE 660 MURRAY HILL AVE WESTMOUNT QUE	HOMEMAKER 1 EL 6561
MCLEAN DANIEL PINGLE 48 BAYVIEW AVE POINTE CLAIRE QUE	B SC 1 OX 5 2796
MCLEAN DAVID FREDERICK J 3478 MCTAVISH ST MTL C B C,R LIMON COSTA RICA	B ENG 2 PL 7412
MCLEAN DONALD EDWARD 660 MURRAY HILL AVE WESTMOUNT QUE	B A 2 EL 6561
MCLEAN DOROTHY MARGARET 331 6TH AVE VERDUN QUE	TCH INT 1
MCLEAN MARGOT KNOX 323 REDFERN AVE WESTMOUNT QUE	L MUS 2 WE 3 2880
MCLEAN MARY LORNA 4964 DESORMEAUX ST MONTREAL QUE	PHYSIOTH 1 CL 6 4419
MCLEAN MARYILYN VIOLET 3700 MOUNTAIN ST APT 4 MONTREAL 25 QUE	MUS B 2 VI 9 1573
MCLEAN PRESTON ARNOLD 1260 DECARIE BLVD APT 11 4 UNION ST ELLSWORTH MAINE U S A	MD CM 3
MCLEARN ROBERT MICHAEL 133 PERCIVAL AVE MONTREAL QUE	B C L 1 EL 9178
MCLELLAN ALLISTER M 4R76 COTE DES NEIGES RD APT 6 MTL 235 PELHAMDALE AVE PELHAM NEW YORK U S A	MD CM 2
MCLEOD ROBERT ALEXANDER H 503 ARGYLE AVE WESTMOUNT QUE	B SC 4 WE 3 1333
MCMAHON CHRISTINE DIANNE 4512 MARIETTE AVE MONTREAL QUE	B SC 1 DE 1591
MCMARTIN WILLIAM PETER 620 VICTORIA AVE WESTMOUNT QUE	B ENG EL 4 HU R R984
MCMASTER MICHAEL ROSS 3141 DAULAC ROAD MONTREAL 6 QUE	B COM 1 WE 5 3065
MCMICHAEL GERALDINE ANN ROYAL VICTORIA COLLEGE GRENVILLE BAY QUE	B SC 1 VI 9 0030
MCMORRAN ELIZABETH E MACDONALD COLLEGE 795 PERE ERNEST CARRIER QUEBEC CITY QUE	B SC H EC 2
MCMULLAN JAMES BRIAN 3506 WEST BROADWAY AVE MONTREAL QUE	B C L 3 EL 7902
MCMULLEN DONALD WALTER DOUGLAS HALL 94 SHIGH ST PORT ARTHUR ONT	B ENG MCH 3 RE 0977
MCMULLEN MARY PATRICIA 2020 STANLEY ST APT 55 255 FIRST AVE OTTAWA ONT	B L S 1
MCNAB JANET ELIZABETH ROYAL VICTORIA COLLEGE 20 3RD AVE GRAND MERE QUE	B COM 4 PL 0477
MCNALLY ANN FRASER 1290 CALEDONIA ROAD TOWN OF MT ROYAL QUE	B SC 3 RE 7 1786
MCNALLY LAWRENCE BERNARD 3543 LORNE AVE MTL 9 7TH ST NORANDA QUE	B SC 2 VI 9 9892
MCNAMEE PETER GRAHAM 5374 DRAKE ST MONTREAL QUE	B ENG EL 3 PO 7 3952
MCNAMEE RICHARD KARL 47 KIRKWOOD AVE BEACONSFIELD QUE	B ENG CIV 5 OX 5 3541
MCNAUGHTON ELEANORE B 4565 SHERBROOKE ST W WESTMOUNT QUE	GR N CERT 1 WE 7 1401
MCNEILL ALFRED KENNETH 3633 OXENDEN AVE MTL MARYLAND QUE	MD CM 2 AV R 6896
MCNICOLL JOHN ALEXANDER 148 COTE ST ANTOINE ROAD APT 25 WESTMOUNT QUE	B ENG COM 5 WE 5 9012
MCOUAT DONALD KEITH MACDONALD COLLEGE ST ANDREWS EAST QUE	AGR DIP 2
MCPHEE DUNCAN SIMON 2039 MCGILL COLLEGE QUE VANKLEEK HILL ONT	M SC 1
MCPHEE MARJORIE ANNE 3480 ONTARIO AVE MTL GORE HANTS COUNTY N S	PHYSIOTH 3 PL 0044
MCPHIE DONALD COLIN 272 QUINN BLVD LONGUEUIL QUE	TCH INT 1
MCQUEEN EVELYN JOAN ROYAL VICTORIA COLLEGE 292 HERKIMER ST HAMILTON ONT	B SC 3 PL 0113
MCRAE LORNA JEAN 75 34TH AVE LACHINE QUE	TCH INT 1
MCROBIE BLAIR ROBERTSON 3228 THE BLVD WESTMOUNT QUE	B A 1 WE 2 0660
MCTIERNAN ROBERT APT C 17 MACDONALD COLL 79 GRAND VIEW AVE WORCESTER MASS U S A	D D S 2
MCVEY DONALD JOHN MACIVER HEMMINGFORD QUE	A ENG 1
MCVICAR BARBARA ANN 40 MONTEE STE MARIE 11828 LAVIGNE ST MONTREAL 9 QUE	TCH ELEM 1
MEAD JAMES CASTLE 6201 SHERBROOKE ST W MTL 5730 KIMBARK AVE CHICAGO 37 ILL U S A	MD CM 4
MEADE PAULETTE ELISABETH MACDONALD COLLEGE HIGHWAY 7 UNIONVILLE ONT	B SC H EC 1
MEADE RONALD MICHAEL GUY 151 ONTARIO ST W MTL 19 QVAI JACOUTOT STRASBOURG BAS RHIN FRANCE	B A 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MEADLEY RONALD GEORGE 83 LOCKHART AVE TOWN OF MT ROYAL QUE	B SC 1 RE 7 0715
MEDINA CARLOS ALBERTO 5687 PARK AVE APT 6 MTL STA ROSADE GOPAN HONDURAS CENTRO AMERICA	B SC 2 CR 1 7372
MEDJUCK GERTRUDE ELAINE ROYAL VICTORIA COLLEGE 204 ABERDEEN ST FREDERICTON N B	B A 3 PL 0334
MEEHAN EDWIN LEEMAN 550 WOODLAND AVE VERDUN QUE	B A 2 PO 7 2296
MEGHIR SAMUEL 3668 DUROCHER ST APT 5A ATHENS GREECE	PH D 2 VI 9 0750
MEIGHEN MICHAEL ARTHUR 16 BRAESIDE PLACE MONTREAL QUE	B A 2 WE 5 3444
MEIKLE BRIAN KEITH 456 PINE AVE W APT D MONTREAL QUE	PH D 3
MEIN CARL ADALBERT 5461 12TH AVE MONTREAL 36 QUE	B COM 4 RA 2 2452
MEISELS RHONA ANNE 47 JOYCE AVE MONTREAL QUE	M S W 1 CR 4 5662
MELAMED MORRIS 7966 CHAMPAGNEUR AVE MONTREAL QUE	B ARCH 6 CR 4 2972
MELAMED SAUL 7966 CHAMPAGNEUR AVE MONTREAL QUE	B ENG 1 CR 4 2972
MELANCON FLORIAN 65 SHERBROOKE ST W MTL 397 109TH ST SHAWINIGAN SOUTH QUE	B ENG EL 3 VI 9 0433
MELANSON JOSEPH LEONARD 1420 DECARIE BLVD APT 22 VILLE ST LAURENT QUEBEC	B C L 1 RI 7 9010
MELHADO OWEN KARL H 3851 UNIVERSITY ST MTL 14 SEYMOUR AVE HALF WAY TREE P O JAMAICA B W I	B COM 3 BE 0977
MELKMAN JOAN FRANCES STEWART HALL MACDONALD COLLEGE MAIN ROAD CO VAUDREUIL COMO QUE	TCH INT 2
MELL ENDEL 3636 DECARIE BLVD APT 15 22 DURIE ST TORONTO 3 ONT	B ENG EL 4
MELLEN PETER WILSON 57 STRATFORD RD MONTREAL 29 QUE	B A 1 HU 1 3087
MELNIKOFF ROBERT MICHAEL 4737 DORNAL AVE MONTREAL 26 QUE	MD CM 4 RE 3 9563
MELNYK ANNE 1525 MACKAY ST APT 4 MTL 99 GLENDALE AVE TORONTO 3 ONT	GR N CERT 1 BE 5102
MELOCHE MONIQUE 8382 WAVERLY MONTREAL QUE	M S W 1 DU 7 1727
MELTZER BENJAMIN 5830 DECELLES PLACE APT 16 MONTREAL QUE	B ENG MCH 4
MELVILLE ENID LORRAINE 4937 CIRCLE ROAD MONTREAL QUE	MD CM 3 EL 4200
MELVILLE STEPHEN DOORLY 3445 PEEL ST MTL 2 3 BRAEMAR AVE HALF WAY TREE P O JAMAICA B W I	B ENG 2 VI 5 9462
MELZACK JULIAN STEVEN 5055 GLENCAIRN AVE MONTREAL 29 QUE	B A 1 EL 1883
MENARD JEAN ROBERT 3701 JEANNE MANCE ST MTL ST MICHEL DES STS CO BERTHIER QUE	B ENG COM 5 RE 5127
MENARD RICHARD HENRY 3485 MCTAVISH ST MTL 40 SPRINGBROOK ROAD WATERBURY 6 CONN U S A	MD CM 1 VI 9 0141
MENDELL LORNE MICHAEL 535 BELMONT AVE WESTMOUNT QUE	B A 1 HU 1 7122
MENDELS ROGER PIERRE 2041 GREY AVE MONTREAL 28 QUE	B COM 4 HU 8 3566
MENDELSOHN CAROLE ANNE 41 ROXBOROUGH AVE WESTMOUNT QUE	B A 4 DE 4355
MENDELSOHN HARVEY 937 DAVAAR AVE MONTREAL QUE	B COM 1 CR 1 2626
MENDELSOHN JUDITH SHEILA 5750 DARLINGTON AVE APT 2 MONTREAL QUE	TCH ELEM 1 RE 8 7365
MENDELSOHN MARTIN ROBERT 41 ROXBOROUGH AVE WESTMOUNT QUE	B COM 3 DE 4355
MENDELSOHN MELVIN 990 PRATT AVE OUTREMONT QUE	MD CM 1 RE 8 1906
MENDELSOHN PAUL 937 DAVAAR AVE MONTREAL QUE	B SC 2 CR 1 2626
MENDELSON JACK 4130 KENT AVE MONTREAL QUE	MD CM 2 RE 7 0382
MENDELSON JOSEPH 617 VICTORIA AVE WESTMOUNT QUE	B SC 1 DE 9074
MENDELSON REBEKAH ZIONA 617 VICTORIA AVE WESTMOUNT QUE	B A 1 DE 9074
MENDES PETER COLIN 2990 BEDFORD ROAD COTE DES NEIGES MONTREAL QUE	MD CM 3 RE 7 9425
MENGES LILLIAN MARIE 256 BROOKFIELD AVE MONTREAL 16 QUE	B A 1 RE 3 5583
MENUCK MIRIAM 2431 SOISSONS AVE MONTREAL QUE	B A 1 RE 7 3558
MERCHANT DAVID FRANCIS 11805 GRENET ST MONTREAL 9 QUE	B ARCH 2 RI 7 0487
MERCIER JOSEPH HENRI C STE MARY S HOSPITAL LACOMBE AVE MTL 350 GRAHAM BLVD APT 408 TOWN OF MT ROYAL QUE	MD CM 4 RE 8 4711
MERCIER MARCEL 745 RIELLE ST MONTREAL QUE	B ENG EL 3 PO 9 0688

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MERKI ROBERT THOMAS 5841 SHERBROOKE ST W APT 306 MONTREAL QUE	MD CM 4 HU 9 3544
MERLING EARL MELVIN 2800 ST CATHERINE RD MONTREAL QUE	B C L 3 RE 8 9755
MERLING EDDIE 4816 ESPLANADE AVE MONTREAL QUE	B SC 4 CR 7 0581
MERMELSTEIN PAUL 2057 MAPLEWOOD AVE MONTREAL 26 QUE	B ENG PHY 4 RE 3 6642
MERRIAM RICHARD KERR 695 LAURENTIEN BLVD VILLE ST LAURENT QUE	MED DIPL 2 RI 8 7663
MERRICK GORDON OSCAR 3429 PEEL ST MTL 9 TROWELL AVE TORONTO 9 ONT	B COM 4 PL 7385
MERRITT GORDON EDWIN 70 CHESTERFIELD AVE WESTMOUNT QUE	B ENG MCH 3
MERSEREAU GUYON PAUL M 3545 ST URBAIN ST APT 6 MONTREAL QUE	MD CM 3 AV 8 5459
MESSER JANICE 4844 FULTON ST MONTREAL QUE	B A 3
MESSIER BERNARD HENRY 2560 BERCY APT 1 MONTREAL QUE	PH D 2 LA 3 4923
MESTER SOL 4046 MAPLEWOOD AVE MONTREAL 26 QUE	B ENG 2 RE 8 9917
MESZAROS ANTHONY FRANCIS 4921 SHERBROOKE ST W WESTMOUNT QUE	MED DIPL 4 HU 3 4340
METHOT BERNARD 300 SHERBROOKE ST W MTL 533 BONAVENTURE TROIS RIVIERES QUE	B ENG CIV 5 PL 0950
METTARLIN DANIEL NAHUM 506 OUTREMONT AVE OUTREMONT QUE	B A 4 CR 7 6038
MEUNIER GASTON JACQUES J 3540 HUTCHISON ST APT 1 1382 GIGAIRE ST SHAWINIGAN FALLS QUE	B ENG CIV 5 PL 0834
MEUNIER JOSEPH JACQUES L 144A 1ST ST IBERVILLE QUE	B ENG 1 FI 7 1871
MEURIS GERALD HENRY 4831 ST CATHERINE ST W WESTMOUNT QUE	B ENG CIV 4 WE 2 8025
MICAS BLANCHE HELEN 680 ABERDARE ROAD TOWN OF MT ROYAL QUE	B SC 4 RE 7 6758
MICHAEL FREDERICK SEYMOUR 5826 PARK AVE APT 6 MONTREAL QUE	B A 3 CR 6 2484
MICHAELS BINNIE LYNN 742 UPPER BELMONT AVE MONTREAL 6 QUE	TCH ELEM 1 EL 2373
MICHAELS EDWARD LIONEL DOUGLAS HALL 3R ANTRIM ROAD VINEYARD TOWN P O KINGSTON JAMAICA B W I	B ENG CH 3
MICHAELS LAWRENCE 3655 OXENDEN ST MTL 6711 EXETER ST FOREST HILLS 75 NEW YORK U S A	MD CM 3 VI 9 3014
MICHALSKI JOSEPH EUGENE 2617 MONTGOMERY MONTREAL QUE	B ENG 2
MICHALUK JOSEPH EDWARD 11713 CITY HALL AVE MONTREAL NORTH QUE	B SC 1 DU 8 6879
MICHAUD JOSEPH AVILA A 4637 GARNIER ST MTL NAPIERVILLE QUE	B ENG EL 4
MICHELIN JOHN ERIC 4565 KENSINGTON AVE MONTREAL QUE	B A 3 EL 3281
MICHELIN PAUL EDWARD 4565 KENSINGTON AVE MONTREAL QUE	B COM 2 EL 3281
MICK WILLIAM GERALD MACDONALD COLLEGE 481 LAKESHORE ROAD BEAUREPAIRE QUE	B SC AGR 2
MICKLEA GEORGE DAVID 4800 COTE DES NEIGES APT 30 MTL 1238 CHILVER ROAD WINDSOR ONT	M SC 1 RE 1 1513
MIDDLEMISS ROBERT WILFRID 3637 ST FAMILLE ST MTL 9 BANCROFT ST AYLMER EAST QUE	B ENG CIV 4
MIDGLEY ROBERT DOBSON 3445 RIDGEWOOD AVE MONTREAL QUE	MD CM 2 RE 1 1852
MIECHOWSKY GEORGE JERZY 661 QUERBES AVE APT 5 MONTREAL QUE	B ENG 1 CR 6 2230
MIESZKOWSKI PETER MICHAEL 252 REGENT ROAD ST LAMBERT QUE	M A 1 OR 1 4450
MIKKOLA LIA RUTT 5245 COTE ST LUC ROAD MONTREAL QUE	B A 2 EL 6440
MIKUS MARK CHESTER 1586 DE BIENCOURT ST MONTREAL 20 QUE	B ENG 1 PO 8 3105
MILBURN GEORGE EDWARD 25 LAKE AVE STRATHMORE QUE	B ENG CIV 4 ME 1 1139
MILDON CATHERINE ANNE 349 BALLANTYNE AVE N MONTREAL WEST QUE	PARTIAL EL 6329
MILES ARNAUD THOMAS ODBER 3508 UNIVERSITY ST MONTREAL QUE	B D 3 VI 5 4873
MILETTE GUY ANDRE 4587 DE LANAUDIERE MTL 2384 DEFOND ST SHAWINIGAN QUE	B ENG COM 5 LA 5 0297
MILL FRANK THOMAS HENRY 97 POINTE CLAIRE AVE POINTE CLAIRE QUE	B ARCH 6 OX 5 4208
MILLAR CARLETON 95 EASTON AVE MONTREAL WEST QUE	B ENG CIV 3 DE 1309
MILLAR RONALD ALEXANDER C O DEPT OF ANAESTHESIA MTL NEUROLOYICAL INST	M SC 1 VI 9 4855
MILLARD PETER TUDOR 3445 PEEL ST MONTREAL QUE	B A 3 VI 5 9462
MILLER CAMERON DYMENT 2086 DUNKIRK RD MONTREAL 16 QUE	B SC 1 RE 1 6251
MILLER CARLTON HERBERT 3508 UNIVERSITY ST MTL HATLEY QUE	B D 3 VI 5 4873
MILLER CAROLYN MARGARET MCLENNAN HALL 40 LORNE AVE LANCASTER N B	PHYSIOTH 3 PL 0044

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MILLER DANIEL SHLOIME 443 WILLOWDALE AVE OUTREMONT QUE	B A 4 RE R R420
MILLER DONALYN DIANE 2086 DUNKIRK ROAD MONTREAL 16 QUE	B ED 4 RE 1 6253
MILLER GEORGE WILLIAM 3455 SHUTER ST MTL R R 6 HAGERSVILLE ONT	B SC 1
MILLER GRANVILLE E 3570 DUROCHER ST MTL 764 ST MARTIN ST MONTREAL 3 QUE	B A 4 VI 9 4610 WE 4870
MILLER IAN SCOTT 78 THURLOW ROAD HAMPSTEAD QUE	B COM 2 HU 1 6817
MILLER IRWIN 3050 BRIGHTON AVE MONTREAL QUE	B SC 1 RE 7 R694
MILLER IVAN RANDALL 218 LAKESHORE ROAD POINTE CLAIRE QUE	B ENG 1 OX 5 2064
MILLER JACK MARTIN Y M C A DRUMMOND ST 17 FIFTH ST E CORNWALL ONT	B SC 1 VI 9 4171
MILLER JAMES REGINALD 3395 ELLENDALE AVE APT 1 MONTREAL QUE	PH D 3 RE 7 9821
MILLER JOHANNA WILLIAMSON ROYAL VICTORIA COLLEGE 4643 SHERBROOKE ST W WESTMOUNT QUE	B A 4 PL 0810
MILLER MARILYN KATHLEEN STEWART HALL Q N S & L RAILWAY SEPT ILES QUE	B SC P ED 1
MILLER NAOMI 4815 ISABELLA AVE MONTREAL QUE	B A 3 RE R 1732
MILLER NORMAN LOUIS 1978 NORWAY ROAD TOWN OF MT ROYAL QUE	B SC 1 RE 7 0522
MILLER ROBERT 536 CLARKE AVE WESTMOUNT QUE	B ENG 2 WE 2 7208
MILLER ROY JOHN 3592 UNIVERSITY ST MTL 178 HANNA ROAD TORONTO 17 ONT	B ENG 2 PL 2435
MILLER RUTH 55 MCNIDER AVE MONTREAL QUE	B A 2 CR 4 7814
MILLER SUTCLIFFE ANTHONY 533 PRINCE ARTHUR W MTL MAIN ST PORT MARIA JAMAICA B W I	B SC 3 VI 9 0765
MILLER WALTER WILLIAM G 1600 ATHLONE ROAD TOWN OF MT ROYAL QUE	B ENG MCH 4 RE R 0518
MILLER WARREN VINCENT 3630 OXENDEN AVE APT 2 MONTREAL QUE	B COM 3 RE 4030
MILLER WILLIAM ALFRED 5530 ROSEDALE AVE MONTREAL 29 QUE	B ENG 2 DE 5531
MILLETT MARION THORTON P O BOX 173 MACDONALD COLLEGE 3523 OGDEN AVE OGDEN UTAH U S A	PH D 3
MILLETTE JOYCE EUGENIE 495 PRINCE ARTHUR ST W MONTREAL QUE	MED DIPL 1 BE 6408
MILLIGAN ROBERT FREDERICK 352 OAK AVE ST LAMBERT QUE	B SC 1 OR 1 8278
MILLINER THOMAS HENRY R MACDONALD COLLEGE MERRYWOOD FALMOUTH JAMAICA B W I	B SC AGR 1
MILLINGTON ANN ROYAL VICTORIA COLLEGE 1984 NORTH AVE BURLINGTON VT U S A	PHYSIOTH 5 PL 0477
MILLINGTON VIVIAN B 484 PRINCE ARTHUR ST W 37 MIDLAND AVE MONTCLAIR N J U S A	B SC 2 VI 9 0677
MILLMAN DAVID GEORGE 3860 LINTON AVE APT 6 MONTREAL QUE	B SC 3
MILLOWITZ STUART 5830 HUDSON ROAD MONTREAL QUE	B C L 1 RE R 4225
MILLS CATHERINE AUDREY 5383 BOURRET AVE N D G MONTREAL QUE	B A 2 RE R 9079
MILLS FRED CAMERON 3524 DUROCHER ST MONTREAL QUE	MED DIPL 1 VI 5 6327
MILLS MARY ANDREA 4981 MACDONALD AVE MONTREAL QUE	B A 2 EL 5843
MILLS TERRY FOSTER J 4519 OLD ORCHARD AVE MONTREAL QUE	B ENG 1 HU R 0921
MILNE MURIEL FRANCES 1280 O BRIEN BLVD VILLE ST LAURENT QUE	MUS B 3 RI 7 8931
MILNE SHIRLEY WINIFRED 1280 O BRIEN BLVD VILLE ST LAURENT QUE	L MUS 3 RI 7 8931
MINCOFF LIONEL ISRAEL 7625 CHAMPAGNEUR AVE APT 9 MONTREAL 15 QUE	B ENG CIV 4 CR 6 5564
MINGIE PETER GEORGE 3665 RIDGEWOOD AVE APT 304 MONTREAL QUE	MD CM 3 RE 7 3388
MINNS GODFREY NIGEL 3561 LORNE AVE MTL P O BOX 1358 NASSAU BAHAMAS	B ENG 1
MINOTT JOHN OLIVER 3637 OXENDEN AVE MTL MANDEVILLE P O JAMAICA B W I	B COM 3 AV R 0573
MINTZBERG HENRY 46 COURCELETTE AVE OUTREMONT QUE	B ENG 2 CR 2 0496
MIQUET JEAN 18 ROSEMOUNT AVE WESTMOUNT QUE	PARTIAL WE 3 0797
MIRHEJ MICHEL EDWARD 3445 PEEL ST MONTREAL QUE	B SC 4 HA 9462
MIROSHNICHENKO ALEXANDRE 4611 JEANNE MANCE ST MONTREAL 8 QUE	B ENG EL 4
MIRZA CAMERAN 706 SUJAN SINGH PARK NEW DELHI INDIA	B ENG CIV 3
MISHKIN SEYMOUR 6200 CLANRANALD AVE MONTREAL QUE	B SC 1 RE 3 4504
MITCHAM CAROL JEAN P O BOX 60 BAIE D URFEE QUE	TCH ELEM 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MITCHELL DONNA ELIZABETH ROYAL VICTORIA COLLEGE 17 DACRE CRESCENT TORONTO 3 ONT	B ED 3 PL 0113
MITCHELL DOUGLAS CAMPBELL 3478 MCTAVISH ST MONTREAL QUE	B A 1 PL 7412
MITCHELL EVA ETHEL 40 MONTEE STE MARIE 2130 PARIS ST MONTREAL 22 QUE	TCH KIND 1
MITCHELL HARVEY 2575 BARCLAY AVE MONTREAL QUE	B ENG 2 RE 3 5409
MITCHELL JOAN EVELYN 3524 DUROCHER ST APT 8 KNOWLTON LANDING R R 2 MANSONVILLE QUE	M SC 1 BE 2455
MITCHELL JOHN NELSON MACDONALD COLLEGE 3777 COTE DES NEIGES APT 105 MONTREAL QUE	B SC AGR 4
MITCHELL JOSEPH GEORGE A 121 VICTORIA AVE LONGUEUIL QUE	B SC 1 OR 4 8233
MITCHELL MARGARET ANN ROYAL VICTORIA COLLEGE 58 TEMPLE ST RUTLAND VT U S A	B A 3
MITCHELL MARGARET LETITIA STEWART HALL 15 RACINE ST KENOGAMI QUE	TCH INT 1
MITCHELL MARY ANN 20095 LAKESHORE ROAD BAIE D URFEE QUE	B SC AGR 1
MITCHELL NELSON STEWART 481 PRINCE ARTHUR ST MTL 71 ELGIN ST GRANBY QUE	MD CM 3 PL 0320
MITCHELL PETER DORLAND 1100 ELGIN TERRACE APT 1 KIRKFIELD LODGE KIRKFIELD ONT	B L S 1 BE 4787
MITELMAN LESLIE 5745 COOLBROOK AVE MONTREAL QUE	B ENG 2 RE 3 8868
MITESCU CATALIN DAN 3660 PEEL ST MONTREAL 2 QUE	B ENG PHY 5 VI 5 2704
MITROVKA SONIA ANNA 4088 LAVAL AVE MONTPEAL QUE	TCH ELEM 1
MITTELHOLZER ALEXANDER S P O BOX 115 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 4
MIYAZAKI REIKA 3608 DE BULLION ST MONTREAL QUE	MUS B 1 BE 8505
MIZGALA HALINA JULIA 4525 BELMORE AVE MONTREAL QUE	M S W 1 DE 1705
MLYNARYK WALTER 4005 ST URBAIN ST MONTREAL 18 QUE	B ENG CH 5 BE 7772
MOGENSEN ELLY MAY MACDONALD COLLEGE R R 1 SAWYERVILLE QUE	TCH ELEM 1
MOGENSEN VIOLA JUNE OLGA MACDONALD COLLEGE R R 1 SAWYERVILLE QUE	TCH ELEM 1
MOGENSON GORDON JAMES 2101 UNIVERSITY APT 24 DELISLE SASK	PH D 2 VI 5 8868
MOGER HUGH ALFRED 2300 CONNAUGHT AVE VILLE ST LAURENT QUE	B ENG 2 RI 4 2188
MOHAN GORDON SCOTT 3421 SHUTER ST APT 11 70 RUSHWORTH ST SAN FERNANDO TRINIDAD B W I	B SC 1 BE 5401
MOK CHI CHING BOX 123 MACDONALD COLLEGE 1483 WOODWARD AVE OTTAWA ONT	M SC 1
MOK KWOK LEUNG RICHARD 3566 LORNE AVE MTL 302 SAI YOUNG ST 1ST FLOOR KOWLOON HONG KONG	B ENG 1
MOLES RONALD ARTHUR 760A BLOOMFIELD AVE MTL 749 ONTARIO ST SUDBURY ONT	B COM 3 CR 4 0812
MOLLENTHIEL GUY NORBERT 3641 UNIVERSITY ST MTL 47 JOHN BROWN AVE PORT AU PRINCE HAITI	B ENG 2 VI 9 0593
MOLLER PETER 112 DOBIE AVE TOWN OF MT ROYAL QUE	B ENG CIV 5 RE H 1088
MOLSON CYNTHIA BEATRICE 10 RAMEZAY ROAD WESTMOUNT QUE	M A 1 WE 5 2600
MOLSON STEPHEN THOMAS 10 RAMEZAY ROAD WESTMOUNT QUE	B COM 1 WE 5 2600
MOLYNEUX JUDITH ANNE MCLENNAN HALL BOX 178 MANIWAKI QUE	PHYSIOTH 2 PL 0044
MONAHAN ROBERT LEONARD 1235 LAKEVIEW BELLINGHAM WASH U S A	PH D 5
MONETTE JOSEPH JEAN J P 3587 UNIVERSITY ST ST PHILIPPE DE LAPRAIRIE QUEBEC	B ENG 1 BE 0504
MONGEAU DONALD 2660 BOIS FRANC VILLE ST LAURENT QUE	B ENG CIV 5 RI 7 4910
MONICO JUAN ANTONIO 224 TRENTON AVE MONTREAL 16 QUE	B SC 2 RE 3 2328
MONK PETER HENRY 498 KENASTON AVE TOWN OF MT ROYAL QUE	B COM 4
MONKEWICH OSTAP 3430 ROSEMOUNT BLVD MONTREAL 36 QUE	B ENG 2 RA H 5121
MONTAGANO MICHAEL 5676 HAMILTON ST MONTREAL 20 QUE	B COM 4 PO H 8514
MONTANDON MARIANNE E MACDONALD COLLEGE R R 1 BEDFORD QUE	TCH INT 1
MONTEALELRE ALBERTO JOSE 3525 HUTCHISON ST MTL AP 173 SAN JOSE COSTA RICA A C	B COM 1 AV H 4417
MONTFORD JEREMY MICHAEL 6 HAROLD PLACE OTTAWA ONT	B ENG CIV 4

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MONTGOMERY DOUGLAS WILSON 3425 PEEL ST APT 5 MONTREAL QUE	B C L 4 VI 5 5353
MONTGOMERY HUGH WILLIAM MACDONALD COLLEGE 668 GROSVENOR AVE WESTMOUNT QUE	B SC AGR 2
MONTGOMERY MARGOT SUZANNE BOX 950 MACDONALD COLLEGE 20 BROCK ST DRUMMONDVILLE QUE	TCH INT 1
MONTGOMERY ROBERT BRUCE 3445 PEEL ST MTL 126 LORNE AVE LENNOXVILLE QUE	B ENG 1 VI 5 9462
MONTGOMERY WILLIAM GORDON 1477 CHOMEDEY ST APT 6 MONTREAL 25 QUE	B ENG MCH 5 WE 5 5683
MONTH MELVIN 2777 GOYER ST APT 7 MONTREAL QUE	MD CM 1 RE H 8268
MOO YOUNG ALFRED JOSEPH MACDONALD COLLEGE 3 S HEYWOOD ST KINGSTON JAMAICA B W I	B SC AGR 3
MOONEY MARCUS FRANCIS 750 ST JOSEPH ST ST MARTIN CONTE LAVAL QUEBEC	B ENG 2
MOORE AUBREY GEORGE 4390 COOLBROOK AVE MONTREAL QUE	S T M 3 DE H019
MOORE DOUGLAS EDWARD 3512 DUROCHER ST MTL WEST BROME QUE	B ENG 2
MOORE JOHN FRANCIS 1181 MOUNTAIN ST MTL 57 WINDSOR AVE LONDON ONT	B SC 1
MOORE MARILYN JOAN ROYAL VICTORIA COLLEGE 144 UPTON ROAD SAULT STE MARIE ONT	B A 4 PL 0334
MOORE PAMELA CATHERINE STEWART HALL 1256 MAPLE AVE SHAWINIGAN FALLS QUE	B SC P ED 1
MOORE RICHARD ARTHUR MACDONALD COLLEGE 812 WESTERN AVE WATERLOO QUE	B SC P ED 1
MOORE ROBERT BRUCE 3590 UNIVERSITY ST MTL CARIBOO ST WINDSOR NFLD	M SC 1 VI 9 9680
MOORE SANDRA JEAN ROYAL VICTORIA COLLEGE STANSTEAD QUE	B A 1 PL 0597
MOORE STANLEY DACOSTA 3155 APPLETON AVE MONTREAL QUE	B A 3 RE 3 9695
MOORE WILLIAM STANHOPE BRITTAIN HALL MACDONALD COLLEGE ALBION P F I	B SC AGR 3
MOORHOUSE PHYLLIS BOX 14 12 EAST COTTAGES MACDONALD COLLEGE 4611 MAPLEWOOD AVE MONTREAL QUE	TCH KIND 1
MORA PHILIPPE FRANCOIS Y 23 BARAT ROAD WESTMOUNT QUE	B ENG 2 WE 5 0733
MORAND PETER FRANK 519 NOTRE DAME ST LAMBERT QUE	PH D 2
MORANTZ NORMAN CHARLES 766 BLOOMFIELD AVE MONTREAL QUE	B ENG CIV 4 CR 7 7870
MORAZAIN JACQUES JOSEPH J 573 DE L EPEE AVE MONTREAL 8 QUE	B SC 3 CR 7 1894
MOREHOUSE DOROTHY ERMA 3597 JEANNE MANCE APT 4 PERTH N B	GR N CERT 1 AV 8 6977
MOREHOUSE DOUGLAS DAVID DOUGLAS HALL ZEALAND STA N B	MD CM 4
MORGAN BETTY JANE 11950 MICHEL SARRAZIN APT 10 CARTIERVILLE QUE	EDUCATION 1 RI 7 9122
MORGAN DONALD CHARLES 594 LANSDOWNE AVE MTL 30 DUNDAS ROAD GUELPH ONT	B ARCH 2 HU 8 6055
MORGAN GEORGE HERBERT J 3597 JEANNE MANCE ST APT 2 MTL 1490 PROSPECT ST APT 1 SHERBROOKE QUE	L MUS 2 PL 1317
MORGAN JANET HAMILTON H BOX 324 BEACONSFIELD QUE	PARTIAL
MORGANTE ODOSLA ENRICA Z 230 CHARON ST MONTREAL 22 QUE	WE 2 5171
MORGENSTERN GERT F 4792 VICTORIA AVE MONTREAL 6 QUE	MD CM 4 EL 9957
MORICE FERNANDO FRANCISCO MACDONALD COLLEGE 25 VIA SUR BOTICA COLIN SAN JOSE COSTA RICO C A	AG AD DIP 1
MORICE ROBERTO F MACDONALD COLLEGE 25 VS SUR BOTICA COLIN SAN JOSE COSTA RICA C A	AG AD DIP 1
MORIGI EUGENE MARIO E 2505 MAPLEWOOD AVE APT 304 MONTREAL QUE	PH D 1
MORIN MARCEL 1455 GALT AVE MONTREAL 20 QUE	B ENG CIV 4 PO 8 8733
MORIN SERGE GILLES 10446 JEANNE MANCE ST MONTREAL QUE	B ENG MCH 5 DU 9 3027
MORISSETTE SARTO 542 SHERBROOKE ST W MTL 332 OMEARA ST THETFORD MINES QUE	B ENG 1 BE 0318
MORLEY LUCY HAYES ROYAL VICTORIA COLLEGE LOADING PLACE ROAD MANCHESTER MASS U S A	B A 4 PL 0634
MORRIER DONALD ROBERT W 4850 MADISON AVE MONTREAL QUE	B ENG CIV 3 DE 2682
MORRILL MARY DEANNA MACDONALD COLLEGE 613 BELCOURT ST DRUMMONDVILLE QUE	B SC H EC 2
MORRIS ALEXANDER JAMES 3473 UNIVERSITY ST MTL 1712 FAYOLLE AVE VERDUN QUE	B D 2
MORRIS ARNOLD 11 AINSLIE AVE MONTREAL QUE	B C L 1 CR 9 9696

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MORRIS EARL LAYTON 150 KINGS ROAD VALOIS QUE	B ENG PHY 3 OX 7 0748
MORRIS EVELYN 5130 BOURRET APT 18 MONTREAL QUE	RE 1 5976
MORRIS GLENDA ELLEN 11 AINSLIE AVE MONTREAL QUE	B A 2 CR 9 9696
MORRIS KEITH DESMOND ST C 2066 MANSFIELD ST MTL 2 HIGHGATE JAMAICA B W I	B SC 1 PL 0853
MORRIS LEO CHARLES P O BOX 81 1ST AVE CHATEAUGUAY VILLAGE QUE	MD CM 4
MORRIS STANLEY P 721 STUART AVE OUTREMONT QUE	B SC 4 CR 9 2966
MORRIS YVONNE PAMELA JOAN 645 PRINCE ARTHUR W APT 1 MTL C O MR E STOUT 122 PINE ST PORT ARTHUR ONT	GR N CERT 1 BE 5422
MORRISON DONALD KENNETH 345 BIRCH AVE ST LAMBERT QUE	B SC P ED 4 OR 1 8872
MORRISON DONALD NORMAN BOX 26 BADDECK N S	B SC AGR 4
MORRISON EDWARD BEVERLEY 298 SHERBROOKE ST E APT 5 MTL 381 GENEVA ST SUDBURY ONT	B ENG EL 3
MORRISON ERNEST HUGH 381 GROSVENOR AVE WSTMT R R 6 LACHUTE QUE	B ENG 1 WE 7 2529
MORRISON EUEN RITCHIE GEOLOGY DEPT MCGILL 2029 METCALFE ST APT 8 MONTREAL QUE	PH D 3
MORRISON GEORGE HAMILTON 5535 BEAUCOURT APT 3 MONTREAL 26 QUE	MED DIPL 1 RE 7 4961
MORRISON HUNTLY FRANCIS 5975 N D G AVE MONTREAL 28 QUE	B SC 3 DE 4688
MORRISON IAN EDWARD Y M C A 1441 DRUMMOND ST 300 PARKDALE ST KIRKFIELD PARK MAN	B ENG 2
MORRISON ROBERT WILLIAM 5195 N D G AVE MONTREAL 28 QUE	B ENG PHY 3 HU 1 9424
MORRISSETTE PAUL JEAN 125 DUFFERIN ROAD HAMPSTEAD QUE	B ENG 1 EL 2862
MORROW LORNA ADA MACDONALD COLLEGE ST PHILIPPE D ARGENTEUIL QUE	TCH ELEM 1
MORROW PATRICK JEROME 3581 UNIVERSITY ST MTL 271 CEDAR ST SUDBURY ONT	B ENG 1
MORROW ROBERT I NO 1 EAST COTTAGE MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	
MORSE CHARLES MICHAEL DOUGLAS HALL COOKSHIRE QUE	B ENG 1 BE 0977
MORSE STEARNS ANTHONY 3542 A PARK AVE MTL 4 NO PARK ST HANOVER N H U S A	M SC 2 PL 0329
MORSE THOMAS NICOLAS T DOUGLAS HALL R28 S CHURCH WEST CHESTER PA U S A	B ENG 1
MORTENSON ERIK 3514 HUTCHISON ST APT 6 MONTREAL QUE	M SC 1
MORTON ALLAN MTL NEUROLOGICAL INST 7750 BIRNAM AVE MONTREAL 15 QUE	MED DIPL 3 CR 9 0352
MORTON MARGARET GRACE MACDONALD COLLEGE 961 DONSMOIR ROAD MONTREAL 16 QUE	B SC P ED 1
MOSES LOIS PAMELA 4917 JEAN BRILLANT ST MONTREAL QUE	B A 2 RE R 7531
MOSHER GARTH EVERETT 1311 PINE AVE W MTL 4608 OXFORD AVE MONTREAL QUE	MD CM 4 BE 9880
MOSHER JOHN FAYENE 545 PINE AVE W MTL COEYMANS N Y U S A	MD CM 3 VI 9 1545
MOSHER MARY JEAN ROYAL VICTORIA COLLEGE 31 KING ST KENTVILLE N S	PHYSIOTH 1 PL 0597
MOSS DANIEL RR9 DOLLARD AVE OUTREMONT QUE	B ARCH 6 CR 7 4664
MOSS HARVEY 2865 GOYER ST APT 20 MONTREAL QUE	M S W 1 RE 1 2915
MOSS SOLOMON PETER NORTON WILSON HALL 3 MUSGRAVE AVE HALFWAY TREE JAMAICA B W I	B SC 2
MOSSING JEANETTE M 3597 JEANNE MANCE APT 3 BOX 5 VICEROY SASK	GR N CERT 1 VI 9 5537
MOULE JOHN WILLIAM 3725 BASSET MTL 68 NORTH OVAL HAMILTON ONT	MD CM 1 VI 5 5979
MOUNCE JOHN EDWARD 1551 ST MARK ST MTL R R 2 CLOYNE ONT	B ENG 2
MOURATIDES ANASTASID I 2076 SHERBROOKE ST W APT 15 MTL P O BOX 1054 STATION B MONTREAL QUE	M A 1 WE 7 4877
MOUSEL DONALD KEE 3484 DUROCHER ST MTL 3844 HUNTS PT ROAD BELLEVUE WASH U S A	MD CM 4
MOUSSETTE CHARLES 582 MAPLE ST ST LAMBERT QUE	B COM 3 OR 1 5177
MOWAT DAVID NAIEN BOX 3000 MACDONALD COLLEGE BOX 37 R R 2 CITY VIEW ONT	B SC AGR 4
MOWAT FRANCES ELIZABETH ROYAL VICTORIA COLLEGE 15 PARK ST W COPPER CLIFF ONT	B SC 2 PL 0829

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MOYNIHAN VERONICA VERNA 4401 GIROUARD AVE N D G MONTREAL QUE	PHYSIOTH 4 DE 4008
MRAZIK GEORGE 3581 UNIVERSITY ST 1476 MCDONALD ST VILLE ST LAURENT QUE	B SC 2 VI 9 1368
MROSCZCZAK WITOLD EDWARD 328 CLEMENT AVE DORVAL QUE	B SC 2 ME 1 8349
MUBARAK NASRELDIN 3513 ST FAMILLE ST MTL 942 2 5 OMDURMAN SUDAN AFRICA	M A 1 AY 8 4890
MUIR JUDITH HELEN 5030 COTE ST LUC RD MONTREAL QUE	B SC 1 HU 1 3774
MUIR MARILYN JANET 2045 BRULART ST QUEBEC 6 QUE	TCH KIND 1
MUIR STANLEY EARL S 3433 HUTCHISON ST MONTREAL QUE	B ENG CIV 5 AV 8 4790
MUIR WILLIAM RUSSEL 4640 DOHERTY AVE MONTREAL 28 QUE	B ENG CH 3 DE 2580
MUIRHEAD GOULD ANDREW C DOUGLAS HALL LAVANDOU ST BRELADE JERSEY CHANNEL ISLES	B SC 2
MUIRHEAD GOULD JAMES S 3451 UNIVERSITY ST MTL LAVANDON LES RUISSEAUX ST BRELADE JERSEY C I ENGLAND	B SC 3 VI 9 3183
MUKASIE LEONARD HARRY 6297 DE VIMY AVE MONTREAL QUE	B COM 2 RE 8 3710
MULHOLLAND JANE A ROYAL VICTORIA COLLEGE 184 ROXBOROUGH DRIVE TORONTO 5 ONT	B A 4 PL 0180
MULLER ANNA KAROLA 1112 ELGIN TERRACE APT 1 MONTREAL QUE	MED DIPL 3
MULLER HERBERT F 1112 ELGIN TERRACE APT 1 MONTREAL QUE	MED DIPL 3
MULLER PETER JOHN MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
MULLER PHILIPPE 1040 VAN HORNE AVE APT 2 OUTREMONT QUE	B COM 4 CR 6 7772
MULLER SANDRA 1040 VAN HORNE AVE APT 2 OUTREMONT QUE	B A 1 CR 6 7772
MULLER THOMAS 5545 COTE ST LUC ROAD APT 42 MONTREAL QUE	M SC 1 HU 8 7957
MULLINGS FAIRFAX A R 539 PRINCE ARTHUR ST W BULL SAVANNAH P A JAMAICA B W I	B COM 3 VI 9 0765
MUMBY LYNN WILLIAM 1575 BEAUDET ST VILLE ST LAURENT QUE	B ENG 1 RI 7 4038
MUMTAZUDDIN MOHAMMAD 3486 JEANNE MANCE ST MTL C O GEOL SURVEY PAKISTAN POST BOX 15 QUELTA PAKISTAN	PH D 2 PL 0017
MUNDI UHVE 5330 ST IGNATIUS AVE MONTREAL QUE	PHYSIOTH 3
MUNDLE ROBERT MURRAY 545 PINE AVE W MTL P O BOX 824 SACKVILLE N B	MD CM 3
MUNICH KARL KONRAD C O MRS K MUNICH 114 SYLVAN AVE SCARBORO ONT	PARTIAL
MUNRO JOHN ROBERT 3775 UNIVERSITY ST MTL 1179 W 70TH AVE VANCOUVER B C	MD CM 3 PL 1251
MUNRO WILLIAM RICHARD S 380 ROSLYN AVE WESTMOUNT QUE	B SC 2 WE 7 1367
MUNROE JAMES PARKER 3650 ST FAMILLE ST APT 3 C O R C A F STATION HOSP COLD LAKE GRAND CENTRE ALTA	MD CM 2 VI 9 8775
MURAD GEORGE 3851 UNIVERSITY ST MTL TOBAGO B W I	B SC 2 BE 0977
MURATA TAKETO 185 DOMVILLE ST CROYDON QUE	B SC 4 OR 6 3198
MURDOCH MARGARET JEAN STEWART HALL MACDONALD COLLEGE MCMASTERVILLE QUE	TCH INT 1
MURDOCK ALAN IRVING WILSON HALL 651 ISLAND PARK DRIVE OTTAWA ONT	B SC 3 BE 0624
MURPHY CHARLES LENNOX 3450 DRUMMOND ST MTL 226 WATERLOO ST WINNIPEG MAN	PARTIAL
MURPHY DAVID ALTON 28 BROCK AVE NORTH MONTREAL QUE	MD CM 2 HU 8 6633
MURPHY EARL BRIAN 6743 ST DOMINIQUE ST MONTREAL QUE	B ARCH 3 CR 6 1248
MURPHY FREDERICK GEORGE 4620 ST KEVIN APT 1 MTL 142 ALMA ST MONCTON N B	M SC 1 RE 3 1911
MURPHY HENRY JOHN 257 MILTON ST APT 17 MONTREAL QUE	B SC 2 RE 3 0411
MURPHY IAN DEIGHTON P O BOX 385 ROSEMERE QUE	MD CM 2 TA 7 4224
MURPHY JOSEPH 257 MILTON ST APT 17 MONTREAL QUE	PH D 2 VI 9 1058
MURPHY RONALD CORNELIUS 475 PINE AVE W MTL 156 BURLINGTON ST E HAMILTON ONT	B SC P ED 4 BE 4270
MURPHY TERRY GORDON WILSON HALL C O WILLROY MINES MANITOUWADGE ONT	B COM 1
MURRAIN SAMUEL URBANE 721 VERSAILLES ST MONTREAL QUE	B ENG 2 WE 2 6268
MURRAY ELIZABETH AGNES 1260 REDPATH CRES MTL R R 6 TRURO N S	GR N CERT 1
MURRAY JAMES ASHLEY 16 CANARY ROAD MONTREAL 33 QUE	B SC AGR 2 ME 1 6181

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
MURRAY JILL ELISABETH 419 METCALFE AVE WSTMT 98 BRUNET AVE POINTE CLAIRE QUE	B ARCH 3 WE 7 3388
MURRAY MARION ROYAL VICTORIA COLLEGE 3600 N VERNON ST ARLINGTON VA U S A	B SC 3 PL 0180
MURRAY RUTH ANNE MACDONALD COLLEGE 73 FINCHLEY ROAD HAMPSTEAD QUE	HOMEMAKER 1
MURRO SERAFINA SARA 8057 PAPINEAU AVE MONTREAL QUE	B A 1 RA R 5439
MUSTARD NORAH 3706 PEEL ST MTL THE YORKSHIRE PENNY BANK 97 CHEAPSIDE LONDON E C 2 ENGLAND	GR N CERT 1 AV R 2062
MUSZYNSKI EDWARD JOHN 2654 LACORDAIRE ST MONTREAL QUE	B ENG MCH 5 CL 9 5570
MUZYKA MICHAEL ZENON 7767 EDWARD ST VILLE LASALLE QUE	B ENG 1 PO R 8400
MYERS BEVERLY ANN 4854 HARVARD ST MONTREAL QUE	MD CM 1 DE 1966
MYERS CAROL SUSAN BOX 950 MACDONALD COLLEGE 960 ST PIERRE ST ST HYACINTHE QUE	TCH INT 2
MYERS CURTIS CLETUS MACDONALD COLLEGE C O POWER STATION CASTRIES ST LUCIA B W I	B SC AGR 1
MYERS JOAN PATRICIA 345 LELIEVRE AVE MONTREAL QUE	TCH ELEM 1 MI 5 4830
MYERSON EILEEN JUNE 553 CHAMPAGNEUR AVE OUTREMONT QUE	B A 1 CR 1 9740
MYERSON LEONARD SELIG 2520 VAN HORNE AVE APT 14 MONTREAL QUE	B COM 2 RE 7 3809

N

NADEAU BENOIT 3696 ST HUBERT ST MTL 935 ST ALPHONSE ST W THETFORD MINES QUE	M SC 1
NADEL TEDDY 420 LAZARD AVE TOWN OF MT ROYAL QUE	B ENG PWR 5 RE 1 1310
NADELL SHIRLEY REBECCA 2800 WILLOWDALE AVE MONTREAL QUE	B COM 3 RE R 2068
NADLER ELAINE AUDREY 556 COTE ST CATHERINE MONTREAL QUE	B A 1 CR 9 7032
NADLER SPENCER 5566 ALPINE AVE TOWN OF COTE ST LUC QUE	B SC 2 HU R 5729
NADON ROBERT 4620 HARVARD AVE MONTREAL QUE	B COM 3 EL R443
NAFTALI JAMES 4650 CLANRANALD AVE APT 12 MONTREAL QUE	B ENG 1 HU 1 3557
NAGEON DE LESTANG JEAN A 495 PRINCE ARTHUR APT 25 P O BOX 82 MAUE SEYCHELLES ISLANDS	B ENG 1 BE 3139
NAGGAR ROBERT DAVID ZAKI WILSON HALL 115 AV HENRI MARTIN PARIS 16EME FRANCE	B COM 3
NAGY GEORGE 2068 SHERBROOKE ST W MONTREAL QUE	B ENG PHY 4 WE 2 7403
NAIM MOCHTAR 534 PRINCE ARTHUR ST W TALUK BULITTINGGI INDONESIA	M A 1 PL 0754
NAIMARK ALLAN PETER 5454 DECELLES PLACE MONTREAL QUE	MD CM 2 RE 3 4849
NAISMITH EARL GEORGE 4511 ST CATHERINE ST W MONTREAL QUE	B ENG COM 5 WE 7 5612
NAJMAN LEON 5 GLADSTONE AVE WESTMOUNT QUE	B ENG EL 3 WE 2 9700
NANTEL RAYMOND JOSEPH G 8601 FOUCHER ST MONTREAL 10 QUE	B ENG CIV 5 DU R 2004
NAPIER ELIZABETH ANN ROYAL VICTORIA COLLEGE 316 RUSSELL HILL RD TORONTO ONT	B A 1 VI 9 0030
NAPIER JOHN STIRLING BOX 112 MACDONALD COLL P O BOX 156 ST KITTS B W I	B SC AGR 4
NAPIER PATRICK MURRAY 2086 CONNAUGHT AVE MTL 599 CONNAUGHT AVE APT 5 HALIFAX N S	PARTIAL DE R264
NAQVI S TAWQIR ULHASAN P O BOX 175 MACDONALD COLLEGE 3 50 LALUKHET NEW KARACHI PAKISTAN	PH D 1
NARBONNE RENE JEAN ANDRE 11872 SUZOR COTE ST MONTREAL 12 QUE	B ENG 2 RI 4 6051
NASH RICHARD GIBSON 3637 UNIVERSITY ST MTL ARDMORE DRIVE R R NO 2 SIDNEY B C	B SC 3 VI 9 1736
NASHSHABAH HISMAM ABD AL 3520 UNIVERSITY ST MTL C O ABD AL WAHAB NASHABI ZEHRIEH ST TRIPOLI LEBANON	PH D 4
NASSE JOHN THOMAS 3466 MCTAVISH ST MTL 50 FRANKLIN TERRACE SOUTHBRIDGE MASS U S A	MD CM 2 AV R 9533
NATHAN PETER STEVEN P O BOX 1587 MANILA PHILIPPINES	B A 1
NATHANSON MARTIN MAURICE 3785 DUPUIS AVE APT 10 MONTREAL QUE	B SC 1 RE R 3630
NAUD JOSEPH HENRY 3851 UNIVERSITY ST MTL 9730 W OUTER DRIVE DETROIT 23 MICH U S A	MD CM 4
NAUGLER FREDERIC PAIST WILSON HALL 165 TERRACE DRIVE SAN FRANCISCO CALIFORNIA U S A	B SC 1
NAUGLER WALTER EDWARD WILSON HALL 165 TERRACE DRIVE SAN FRANCISCO CALIFORNIA U S A	B SC 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
NAYER PAUL 4471 HENRI JULIEN AVE MONTREAL QUE	B ENG 1 PL 5301
NEAPOLE ROBERT CHARLES 581 ALGONQUIN AVE TOWN OF MT ROYAL QUE	B ENG MCH 5 RE 7 1296
NEBRYCH LOVE ALICE 5480 ST DENIS ST MTL 269 COLONY ST WINNIPEG MAN	B L S 1 CR 2 5378
NEIDICH KATHARINA 2420 MARIETTE AVE MONTREAL QUE	PHYSIOTH 2 DE 2946
NEIDICH ROSINA 2420 MARIETTE AVE MONTREAL QUE	TCH INT 1 DE 2946
NEILL RONALD FREDERICK 110 HEBERT ST VILLE ST LAURENT R R 1 DUNANY QUE	B ENG MCH 3 RI 7 6606
NEILSON ANDREW JARDINE 1020 BEATTY AVE VERDUN QUE	B SC 3 PO 6 6119
NEILSON BARBARA ANN 12 5TH AVE TERRASSE VAUDREUIL QUE	B SC AGR 2
NEJEDLY VLADISLAVA JULIE 8940 LUMSDEN ST MONTREAL 11 QUE	M SC 1 DU 1 6804
NELSON COLIN MACDONALD COLLEGE R R 4 SUTTON QUE	TCH INT 2
NELSON JOHN BROOKES 1490 CLOSSE ST APT 4 MTL 63 PINE AVE HUDSON QUE	B ENG 2 WE 7 5633
NEMES JUDITH 410 SHERBROOKE ST W MONTREAL QUE	B A 1 RE 7769
NEMI JUAN ANTONIO MACDONALD COLLEGE AV LA PAZ 1121 MIRAFLORES LIMA PERU	AG AD DIP 1
NEMIROFF STANLEY ALLAN 4268 MADISON AVE MONTREAL QUE	M A 1 DE 5506
NEMTIN STEPHEN MAURICE 3841 WILSON AVE N D G MONTREAL QUE	B ARCH 5 EL 3246
NERENBERG ANNE ARONA 7482 STUART MONTREAL QUE	TCH KIND 1 CR 6 7001
NERENBERG MORTON ABRAHAM 3478 PARK AVE APT 4 MONTREAL QUE	M SC 1 VI 5 0929
NEROUTSOS PHILIP NEILL 1375 DUNVEGAN ROAD MONTREAL QUE	D D S 2 RE 8 6066
NESBITT CLARE ELIZABETH ROYAL VICTORIA COLLEGE 388 ELM ST WINNIPEG MAN	B A 2
NESBITT CLINTON JOHN MACDONALD COLLEGE RUPERT QUE	B SC AGR 4
NESBITT GRAHAM 3243 THE BLVD WESTMOUNT QUE	B A 4 WE 5 1376
NESBITT ROBIN CARTER 70 UNION BLVD ST LAMBERT QUE	B ENG CIV 4
NESBITT VICTORIA AIRD 3243 THE BLVD WESTMOUNT QUE	B A 2 WE 5 1376
NESS RONALD NELSON 106 MEADOWBROOK AVE BEAUREPAIRE QUE	B ED 3 OX 5 6526
NESS ROWLAND ROSS MACDONALD COLLEGE HOWICK QUE	AG AD DIP 2
NESS WILLIAM T MACDONALD COLLEGE HOWICK QUE	AGR DIP 2
NETSCHAY WALTER 5577 29TH AVE MONTREAL 36 QUE	B SC 1 RA R 6968
NETTEN JOHN WILFRED 25 MAPLE ST STE ANNE DE BELLEVUE 483 CRESCENT ST ST LAMBERT QUE	EDUCATION 1
NETTERFIELD THOMAS M 3 DECARY PLACE DORVAL QUE	B ENG 2 ME 1 3733
NEUFELD MURIEL ANNE 204 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B SC 2 RE R 2122
NEUGEBAUER HENRY EDWIN O 11 LAURELWOOOD AVE MONTREAL 33 QUE	B SC 2 OX 5 6767
NEUMANN URIEL MEYER 1574 VAN HORNE AVE MONTREAL QUE	B C L 2 CR 6 0581
NEWBERG LEWIS BARRY 1441 DRUMMOND ST MTL 74 19 260 ST FLORHL PARK LONG ISLAND N Y U S A	B SC 2
NEWBY WILFRED JAMES 182 HORTON ST MTL 182 HALTON ST LONDON ONT	B SC 4 RE 4011
NEWCOMBE EDWARD HERBERT 548 PRINCE ARTHUR W MTL 512 N 16TH BOISE IDAHO U S A	MD CM 1 PL 0877
NEWELL JOHN COLSTON HIGHWAYS R R 3 PICKERING ONT	B ENG 1
NEWELL WILLIAM HERBERT 3445 PEEL ST MTL 45 CONNAUGHT N HAMILTON ONT	M A 1 VI 5 9462
NEWGLOSKI GENEVIEVE 579 PAUL PAU ST MONTREAL QUE	B A 1 CL 5 9825
NEWMAN AKIVA OSCAR 4107 DE LA PELTRIE MONTREAL QUE	B ARCH 5 RE 1 5235
NEWMAN GEORGE PETER 3851 UNIVERSITY ST MTL 17 OREGON ST SPRINGFIELD 8 MASSACHUSETTS U S A	B A 3 PL 5328
NEWMAN MARCIA LEE ROYAL VICTORIA COLLEGE 274 ALMON ST HALIFAX N S	B A 4 PL 0327
NEWMAN SAMUEL ROBERT JOHN 748 6TH AVE VERDUN QUE	B SC 3 PO 6 4833
NEWMAN SHERRILL GAY 158 DUFFERIN RD HAMPSTEAD QUE	B SC 1 DE 2592

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
NEWMAN SONIA DEANE 3302 CEDAR AVE WESTMOUNT QUE	B A 1 WE 2 1870
NEWTON DOUGLAS ALLAN BOX 1 BAIE D URFEE QUE	B ENG CIV 3
NEWTON JOYCE HAMILTON 4964 SHERBROOKE ST W WESTMOUNT QUE	B A 4 EL 6543
NEWTON ROBERT ARTHUR ST MARYS HOSPITAL 38 MACAULAY AVE ST LAMBERT QUE	MD CM 4
NEY JULIAN 3440 RIDGEWOOD AVE APT 21 MONTREAL QUE	B ENG CIV 3 RE 1 6923
NEYLAN FRANCIS CRAIG JOHN DIOCESAN COLLEGE 29 CAROLINE ST E BURLINGTON ONT	B D 1
NG HENRY 1415 EVERETT ST MONTREAL QUE	B ENG EL 3 CR 1 3340
NG PETER KIT FING Y M C A DRUMMOND ST MTL 12 OSMANTHUS ROAD HONG KONG	B SC 3
NG SHUNG FUN 7 JUNCTION ROAD 1ST FLOOR KOWLOON HONG KONG	B SC 1
NG SHUNG TO 7 JUNCTION ROAD 1ST FLOOR KOWLOON HONG KONG	B SC 1
NIAZI IQBAL AHMAD 533 UNDERHILL PLACE MTL 15 299 MAHATMA GANDHI RD KANPUR U P INDIA	PH D 1 VI 5 5930
NICHOL RONALD ROBERT H77 51ST AVE LACHINE QUE	B COM 1 ME 7 7575
NICHOLLS JOHN FREDERICK 5690 QUEEN MARY RD HAMPSTEAD QUE	B A 1 HU 1 9109
NICHOLS JOHN MICHAEL WILSON HALL GREEN ACRES LAPWORTH WARWICKS ENGLAND	B SC 1
NICHOLS THOMAS MATTHEW 3438 DUROCHER ST MTL STONY LANE EXETER R I U S A	MD CM 3 BE 0415
NICHOLSON GORDON RICHARD 3592 UNIVERSITY ST MTL GOULD QUE	B SC 2 PL 2435
NICK JENO 538 PRINCE ARTHUR ST W MONTREAL QUE	B ARCH 5
NICKEL KATHERINE 3440 SHUTER ST APT 4 R R 1 BORDEN SASK	PARTIAL VI 5 2334
NICKERSON HAROLD BROOKLYN DOUGLAS HALL 5 VIEW ST NORTH SYDNEY N S	B A 2 BE 0977
NICKLESS DONALD WILLIAM MACDONALD COLLEGE 320 10 AVE LACHINE QUE	B SC AGR 1 ME 7 1964
NICKSON JUNE BERTHA 360 DESAULNIERS BLVD ST LAMBERT QUE	PHYSIOTH 2 OR 1 8418
NICOLAIDIS COSTAS 5748 PARK AVE MONTREAL QUE	B ARCH 2 CR 4 7893
NICOLL PATRICIA 157 MILLHAVEN LAKESIDE QUE	TCH INT 2 OX 5 6825
NIDEROST ADRIAN CARL 161 DUFFERIN ROAD HAMPSTEAD QUE	B ENG 2 HU 1 3537
NIEDERMAYR PAUL EUGEN BOX 166 MACDONALD COLLEGE	B SC AGR 3
NIELSEN ASTRID MARIE HOEG 549 ABERCORN AVE TOWN OF MT ROYAL QUE	PARTIAL RE 3 9549
NIES ALEXANDER 456 PINE AVE W APT 40 50 MINERAL SPRING AVE PASSAIC N J U S A	MD CM 4 VI 9 4654
NIILEND HEIKKI NICKY 5175 TRENHOLME AVE N D G MONTREAL QUE	B ARCH 6 HU 1 9580
NIMETZ DONALD KENNETH 3431 DRUMMOND ST MTL SOUTHEY SASK	B ENG CH 4 VI 9 0243
NIMPTSCH KLAUS STEFAN 3590 RIDGEWOOD AVE APT 108 MONTREAL QUE	B ENG MET 4 RE 3 9643
NITKIN IRVING MAX 1466 DUCHARME APT 20 OUTREMONT QUE	B ENG AM 4 CR 7 3827
NIX MARION EDNA 30 CHESTER AVE VALOIS QUE	TCH ELEM 1 OX 5 5414
NIXON JOHN KEVIN 1525 ST MARK ST APT 9 GOETLIJFSTRAAT 94 DEN HAAG HOLLAND	B ENG MCH 4
NIXON JUSTIN W 4620 ST KEVIN MTL 93 BEVERLY ST ROCHESTER 10 N Y U S A	M A 1 RE 1 5535
NIXON MARJORIE A 376 STHATHCONA DRIVE TOWN OF MT ROYAL QUE	B SC 2 RE 3 2560
NIXON MURRAY DUNLAP 3466 MCTAVISH ST MTL 182 QUEEN ST SAINT JOHN N B	MD CM 2 AV 8 9533
NORL ANDREW 258 SHERBROOKE ST W MTL P P MUNOZ 520 LA SERENA CHILE	B COM 1 VI 9 0714
NORLE WILLIAM JAMES 316 LETHBRIDGE AVE TOWN OF MT ROYAL QUE	B SC 3 RE 9 1193
NOEL EUGENE LEON ANDRE 430 WILLOWDALE APT 2 OUTREMONT QUE	B COM 1 RE 7 4827
NOEL JOHN CHARLES P O BOX 45 MACDONALD COLLEGE QUE	B ENG MCH 5
NOLAN ALFRED CLARK 3654 HUTCHISON ST MTL 24 W 18TH SPOKANE 41 WASH U S A	MD CM 4 VI 5 4468
NOLEN DEBORAH SCHATTE ROYAL VICTORIA COLLEGE SPRING LANE CANTON MASS U S A	B A 2
NORAK ENN 12103 ST EVARISTE MONTREAL QUE	B ENG EL 3 RI 4 6813

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
NORDHORN DIETER ERNST H 11 HAZELWOOD AVE OUTREMONT QUE	B COM 2 RE R 7729
NORMAND GERARD LEO 890 ST CHARLES ST APT 6 ST LAMBERT QUE	M SC 2
NORTHEY JOAN MARLENE 1649 LINCOLN AVE APT 8 LAKEFIELD ONT	GR N CERT 1 WE 3 9932
NORTHEY JOHN PATRICK 44 ROSEMOUNT AVE WESTMOUNT QUE	B A 4 WE 7 2765
NORTHRUP JOAN ELIZABETH MACDONALD COLLEGE BOX 330 KNOWLTON QUE	TCH ELEM 1
NORTHWOOD VIVIENNE MARY 371 PRINCE ARTHUR ST MONTREAL QUE	M A 1 VI 5 5582
NORTON CHRISTOPHER EDWARD WILSON HALL 86 BROMLEIGH COURT FOREST HILL LONDON S E 23 ENGLAND	B ENG 2 BE 0624
NORWOOD MARGARET MAUREEN 72 CURZON ST MONTREAL WEST QUE	B SC 1 HU 1 7034
NOTKIN LESLIE IRWIN 3742 THE BOULEVARD WESTMOUNT QUE	B COM 2 EL 2310
NOTKIN RICHARD JOHN 18 GRENVILLE AVE WESTMOUNT QUE	B A 4 HU 1 2080
NOVAC MICHAEL 5845 DECELLES PL MONTREAL QUE	B ENG MCH 5 RE 3 8801
NOVAK BENNO LUKAS 3463 SHUTER ST APT 2 MONTREAL 18 QUE	B ENG MCH 3 AV R 3391
NOVICK MARVYN ROBERT 6350 WESTBURY AVE MONTREAL QUE	B SC 1 RE 1 5635
NOVOLKER NINA 5528 KING EDWARD AVE COTE ST LUC QUE	B A 1 DE 4280
NOWICKI JOHN MAURICE A 55 ALLARD AVE DORVAL QUE	B ENG 2 ME 1 5452
NOWIK JOHN ROBERT 4725 CARLTON AVE MONTREAL QUE	MD CM 1 RE 3 1258
NUEMAN MICHAEL KOHOS 4785 ST KEVIN ST APT 6 MONTREAL QUE	B SC 4 RE R 3466
NUSS JOSEPH ROBERT 4960 KING EDWARD AVE MONTREAL QUE	B C L 3 HU R 6147
NUTIK STEPHEN LAWRENCE 409 CLARKE AVE WESTMOUNT QUE	B SC 2 WE 2 5507
NYENHUIS LUCIA TUDOR MACDONALD COLLEGE C O MR W B COOPER 5400 QUEEN MARY ROAD APT 19 MONTREAL QUE	B SC AGR 1
NYESTE FRANK GEORGE 1401 SHERWOOD CRESCENT MONTREAL QUE	B COM 1 RE R 7322
NYMAN CYNTHIA ROYAL VICTORIA COLLEGE 401 THIRD ST WEST CORNWALL ONT	B A 1 VI 0 0993

O

NAME ADDRESS	COURSE & YEAR TEL. NO.
OAKEY NEIL STANLEY DOUGLAS HALL RIVERS MANITOBA	B SC 2
O..MER MARIS ROYAL VICTORIA COLLEGE 300 WOODSIDE AVE NARBERTH PA U S A	B SC P ED 3
OBERT ANTON 593 WESTLUKE AVE MONTREAL 29 QUE	B S W 1 EL 1536
OBORNE MARY ELLEN 5951 MOLSON ST MONTREAL 36 QUE	TCH INT 2 RA 2 0639
O BRIEN FRANCIS TUCKER 3466 MCTAVISH ST MTL 600 WEST 11TH ST WILMINGTON DEL U S A	MD CM 4 AV R 9533
O BRIEN JOHN LEWIS HUGH 405 CLARKE AVE WESTMOUNT QUE	B A 3
O BRIEN JOHN ROBERT 3463 SHUTER ST MTL 78 LAURIER AVE E OTTAWA ONT	MD CM 4 VI 5 0746
O BRIEN JOHN WILFRED 3421 WALKLEY AVE MONTREAL QUE	PH D 4 HU R 0746
O BRIEN RUPERT FRANK 4468 MARCIL AVE MONTREAL QUE	B SC P ED 4 HU R 3758
OBUCHOWICZ CASIMIR 5986 13TH AVE MONTREAL 36 QUE	B ENG 2
O CONNELL PETER JOHN C O SIUMA MINE QUE LTD BOURLAMAQUE QUE	B SC 2
O CONNELL THOMAS A 3484 PEEL ST MTL 624 GILBERT ST HELENA MONT U S A	B SC 2 VI 9 5354
O CONNOR TERRENCE PATRICK 6825 MONKLAND AVE MONTREAL QUE	B C L 2 EL 8112
ODELL FANNY FLORENCE 1480 MCGILL COLLEGE AVE APT 6 MTL 342 WELLS ROAD SARDIS B C	GR N CERT 1 AV R 5868
ODELL SONYA KAY ROYAL VICTORIA COLLEGE 140 E HARTSDALE AVE HARTSDALE N Y U S A	B A 4 PL 0634
ODER REIN 98 LAPERRIERE ST VILLE ST LAURENT QUE	B ENG EL 3 RI 4 2035
ODIO JUAN JOSE 649 MILTON ST MTL P O BOX 623 SAN JOSE COSTA RICA	B SC 1 AV R 5313
O DONNELL JOHN REYNOLDS 3466 MCTAVISH ST MTL 332 TISENTAIL ROAD LOS ANGELES 49 CALIF U S A	MD CM 3 AV R 9533
ODUBER FRANKLIN GERMAN 3506 UNIVERSITY ST MTL APARTADO 346 PANAMA R P	B ENG 1 BE 0624
OELMANN PETER 1441 DRUMMOND ST MONTREAL QUE	B ENG 1
OESTERREICH NORBERT H 4475 GRAND BLVD MONTREAL QUE	B SC 1 HU 9 5127

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
O FARRELL STEPHEN THOMAS 475 PINE AVE W MTL 991 MANRESE AVE QUEBEC CITY QUE	B ENG CH 4
OFFICER LAWRENCE HOWARD 6267 MOUNTAIN SIGHTS AVE MONTREAL 29 QUE	B A 2 RE R 6311
O FLAHERTY WILLIAM JAMES 3602 DUROCHER ST MTL BURNT POINT NFLD	MD CM 2
OGDEN MARY ISABELLE ROYAL VICTORIA COLLEGE 663 BALFOUR GROSSE POINTE 30 MICHIGAN U S A	B A 2 PL 0495
OGILVIE IAN SCOTT 59 CEDAR AVE POINTE CLAIRE QUE	M SC 2 OX 5 2931
OGILVY RICHARD LAIRD 338 LAKE ST LOUIS ROAD WOODLANDS QUE	B SC 2 OL 7 6616
OGILVY WILLIAM L 38 DENBIGH ROAD EALING LONDON W 13 ENGLAND	MED DIPL 4
OGRYZLO CHARLES THOMAS 3506 UNIVERSITY ST MTL 31 GORDON ROAD WILLOWDALE ONT	B ENG MCH 3 BE 0624
OGRYZLO ELMER ALEXANDER 3609 UNIVERSITY ST MTL DAUPHIN MAN	PH D 3 AV R 6307
O HALLORAN JOHN MELBOURNE DOUGLAS HALL 1111 PLOERMEL AVE QUEBEC 6 QUE	B ENG 2 BE 0977
O HARA BERNARD WILLIAM 3734 JEANNE MANCE ST MTL MOORES NEW YORK U S A	D D S 3
O HASHI DAVID AKIRA 629 PRINCE ARTHUR ST W 1937 ANGUS ST REGINA SASK	MD CM 1 VI 9 0739
OHASHI IRENE TAKAKO 4710 DECARIE BLVD N D G MONTREAL QUE	B SC 4 EL 0994
OJA PIRET 1071 DRUMMOND ST MONTREAL QUE	B SC 1 UN 1 3758
OJA REINO VERNER 2787 BRINTON ROAD MTL 150 JOSEPH ST KINGSTON ONT	PH D 2 RE 1 4627
OJA TONIS 1071 DRUMMOND ST MONTREAL QUE	B SC 3 UN 2 7392
OKE VIVIAN GRACE 4598 DECARIE BLVD APT 1 MONTREAL QUE	TCH INT 2 HU 1 5364
OKO MICHAEL URIEL 5775 DUROCHER AVE MONTREAL 8 QUE	B ENG 2 CR 2 7049
OKULAJA FOLUSO O 2060 METCALFE ST MTL 83 BAMUBOSE ST LAGOS NIGERIA	B SC 1 VI 9 0358
OLAJOS GABRIELLA MATILDA 195 HEBERT ST VILLE ST LAURENT QUE	TCH INT 2
OLAND DEREK MICHAEL FRINK MACDONALD COLLEGE ROTHESAY N B	B SC AGR 1
OLDHAM TERRY CLIFFORD 2072 CONNAUGHT AVE MONTREAL QUE	B ENG 1

NAME ADDRESS	COURSE & YEAR TEL. NO.
OLER JACQUELINE 6300 LENNOX AVE APT 806 RONCEVERTE W VA U S A	PH D 2 RE 3 3925
OLESKEVICH PAUL ANTHONY 542 PRINCE ARTHUR ST MTL SMOOTH ROCK FALLS ONT	B ENG 2 VI 5 9827
OLIPHANT BARBARA ANNE ROYAL VICTORIA COLLEGE HUDSON HEIGHTS QUE	B A 2 PL 0113
OLIVER HOWARD KEITH 3647 UNIVERSITY ST 4570 WILSON AVE MONTREAL 28 QUE	B SC 2 VI 9 2806
OLIVER JEAN ELIZABETH 3517 HUTCHISON ST APT 12 C O WM OLIVER COWLEY ALTA	GR N CERT 1 VI 9 0109
OLIVER JOSEPH JACOB 4801 GRAND BLVD MONTREAL QUE	B A 1 HU R 4061
OLMSTEAD JOAN REVELLA C BOX 950 MACDONALD COLLEGE BRYSON QUE	TCH INT 2
OLNEY ANN CHARLOTTE MACDONALD COLLEGE R R 4 DANVILLE QUE	B SC H EC 3
OLNEY GERALD PATRICK 5242 COOLBROOK AVE MONTREAL QUE	MD CM 3 HU 1 8403
OLSEN ORVIL ALVA 125 BONAVENTURE AVE ST JOHN S NFLD	PH D 5
OLSEN SVEN PETER TOWN OF LAVAL ISLANDS QUEBEC	B ENG CIV 4
OLSON DOUG CAULDER 3434 MCTAVISH ST MTL JASPER ALTA	B SC 3 PL 4498
OLSON MARLENE IONA MARY 3558 HUTCHISON ST APT 1 204 6TH AVE EAST ASSINIBOIA SASK	B SC 4 VI 5 7972
OLTHOF THEODORCES H A BOX 4000 MACDONALD COLLEGE VERWERSTRAAT 4 DEVENTER NETHERLAND	B SC AGR 4
OLYNYK MARIAN R65 14 AVE LACHINE QUE	TCH ELEM 1 ME 7 1267
OMANA ROBERTO 3565 LORNE AVE APT 12 BELLA VISTA STA AVENIDA 18 CARACAS VENEZUALA	B COM 2 AV R 4381
ONDREJCHAK EMIL DANNY 4152 ST DOMINIC ST MONTREAL QUE	B ENG MCH 4 VI 5 9365
ONNO PETER DOUGLAS HALL GAGETOWN N B	B ENG PHY 5 AV R 0960
OOMEN CORNELIA 26 PERRAULT AVE STE ANNE DE BELLEVUE QUE	B SC P ED 1
OOSTDAM BERNARD LODEWYK DOUGLAS HALL	B SC 1 AV R 1854
OPHER JACOB 1555 MCGREGOR ST MTL 16 MAZE ST TEL AVIV ISRAEL	B ENG AM 3 WE 7 3937
ORBACH ERVIN 5330 BESSBOROUGH AVE MONTREAL QUE	B A 1 HU 9 6675

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ORBACH MARVIN 5160 BESSBOROUGH AVE MONTREAL QUE	B A 1 HU 1 3389
O REILLY PATRICIA M 5500 RANDALL AVE COTE ST LUC MONTREAL QUE	PHYSIOTH 5 EL 9330
ORNSTEIN JACK 6550 MOUNTAIN SIGHT MONTREAL QUE	B ENG 1 RE R 6803
OROSZY FARKAS ANDREW 2450 ST ANTOINE ST MONTREAL QUE	B ENG 2
O ROURKE JOHN FRANCIS L 4801 COTE ST CATHERINE APT 1R MONTREAL QUE	B ENG 2 RE R 4598
ORSER PATRICIA MARY 3431 KING EDWARD AVE N D G MONTREAL QUE	B SC P ED 2 HU 1 2246
ORZECK ALBERT 2495 VAN HORNE AVE MONTREAL 8 QUE	B SC 1 RE 3 3306
OSBORNE EDWARD GORDON 9 2ND AVE DORVAL QUE	M ENG 2 ME 1 5334
OSBORNE PAUL WRAY 9 2ND AVE DORVAL QUE	B SC 2 ME 1 5334
O SHAUGHNESSY FRASER M P O BOX 136 MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	B ENG MCH 5
O SHAY MOIRA MAUREEN 1923 DORCHESTER W MTL 3192 WESTMOUNT BLVD& MONTREAL QUE	B L S 1 WE 3 4856
O SHEA THOMAS JOSEPH 1130 SHERBROOKE ST WEST APT 4 MTL 407 4TH ST EAST SASKATOON SASK	B ENG CH 3
OSHO PATRICK ADEKUNLE C O MR M A OSHO AGRIC DEPT M P IBHDAN NIGERIA	B ENG AM 3
OSLER PATRICIA BEVERLY 45 DOBIE AVE TOWN OF MT ROYAL QUE	RE R 4024
OSMAN JUNE 56 DESLAURIERS AVE A MA BAIE ST GENEVIEVE DE PIERREFONDS QUE	TCH ELEM 1 RI R R661
OSTANE JEAN A 5260 2ND AVE APT 1 MONTREAL 36 QUE	B ENG 2 LA 1 5138
OSTAPEIC PAUL 28 TAYLOR DRIVE TORONTO ONT	B ENG MCH 3
OSTI ALEXANDRA ERMINIA ROYAL VICTORIA COLLEGE PELBROOK HALL PELHAM N Y U S A	B A 4 PL 0180
OSTOVAR PATRICIA JOAN BOX 140 MACDONALD COLLEGE	B SC H EC 4
OSTRER NIGEL ALEXANDER 1001 SHERBROOKE ST W MTL FLAT 3 GROSVENOR HOUSE PARK LANE LONDON W 1 ENGLAND	B SC 1
OSTROFF BERNICE 6835 MOUNTAIN SIGHTS MONTREAL QUE	TCH ELEM 1 RE 3 3897
OSTROFF GERLDINE JOY 6280 MACDONALD AVE HAMPSTEAD QUE	B A 3 DE 5637
OSTROFF SARAH 4635 ST URBAIN ST MONTREAL QUE	TCH ELEM 1 VI 5 2436
OSTROFF SHEILA 5212 DALOU MONTREAL QUE	TCH ELEM 1 EL 5028
OSTROSKI MICHAEL ANTHONY 3560 STE FAMILLE ST MTL BOX 198 ESPANOLA ONT	B ENG 1
OSTROWSKA DANUTA MARIA 4950 CORONET ST APT 8 MONTREAL 29 QUE	B A 3 RE 3 5540
O SULLIVAN MAUREEN ELLEN 5678 12TH AVE MONTREAL 36 QUE	B SC 4 RA 2 7489
O SULLIVAN ROBERT DAVID 5373 DUPUIS AVE MONTREAL 29 QUE	B ENG 2 RE R 4622
OSWALD ARTHUR JAMES P 3478 MCTAVISH ST MONTREAL QUE	B A 4 PL 7412
OTLEY GERALD ROGER BOX 12 MACDONALD COLLEGE 51 JENKIN ROAD HORBURY WAKEFIELD YORKSHIRE ENGLAND	B SC AGR 3
OTOBO GUY EBOE 2044 METCALFE ST MTL P O BOX 5 UGHELLI NIGERIA	B ENG CIV 3
OTSON REIN 1505 DECELLES ST APT 12 VILLE ST LAURENT QUE	B SC 1 RI 7 3216
OTTLEY IVOR ALBERT H P 3473 UNIVERSITY ST MTL SCARBOROUGH TOBAGO B W I	B A 4
OTTOLENGHI EMMA FRANCA 456 PINE AVE W APT 37 P O BOX 458 QUITO ECUADOR	MD CM 1 BE R382
OTTON PAUL EDWARD 11590 LAVIGNE ST MTL 3 FULLER AVE LEAMINGTON ONT	MED DIPL 1 RI R 9273
OULTON GARNET LESLIE S 3529 VERDUN AVE VERDUN QUE	B ENG MCH 4 PO R R029
OUPCHER CHARLOTTE JOSIANE 4610 GRAND BLVD MONTREAL QUE	B A 1 HU 1 9318
OWENS PATRICIA SCOTT 637 GROSVENOR AVE WESTMOUNT QUE	B SC 1 HU R R678
OWER BERNARD ANDERSON 16 GROSVENOR AVE OTTAWA ONT	M L S 2
OWUSU THEOPHILUS DZAM 539 PRINCE ARTHUR ST W C O TOGBE ASUO KWASI IV TONGOR PEKI GHANA W AFRICA	B ENG MCH 3 VI 5 0425
OYER CHARLES WALKER 31 WRIGHT ST WOLCOTT NEW YORK U S A	D D S 1
OZERNITSKY SIDNEY 5851 TERREBONNE AVE MONTREAL QUE	B SC 4 HU 1 3223

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
P	
PAASUKE REIN TOIVO 327 WESTMINSTER AVE N MONTREAL WEST QUE	B SC 1 HU A 7313
PACAUD JILL ELIZABETH A SPRING HILL ROAD MAGOG QUE	TCH KIND 1
PACHL RUDOLPH JOHN 5751 COTE ST ANTOINE RD MONTREAL QUE	B ENG 1 HU 1 6673
PACKARD MICHAEL JOHN C 1559 MCGREGOR ST MTL HACKFORD HALL REEPHAM NORFOLK ENGLAND	B A 1 WE 5 0513
PACKER STEPHEN ROBERT 3568 VENDOME AVE MONTREAL QUE	B COM 2 DE 4749
PADGETT ARNOLD FREDRICK 3506 UNIVERSITY ST MTL R R 6 LINDSAY ONT	B ENG MCH 5 BE 0624
PAGE DOUGLAS EVERETT 5280 SHERBROOKE ST LACHINE QUE	M SC 1 ME 7 3849
PAGOTTO RICHARD PIERRE A 102 LINWOOD CRESCENT TOWN OF MT ROYAL QUE	B ENG CIV 3 RE A 4035
PAIDOUSSIS MICHAEL 2461 MAPLEWOOD AVE APT 6 ZANETOU ST NO 2 NICOSIA CYPRUS	B ENG MCH 5 RE A 3428
PAIEMENT JOSEPH YVES 258 SHERBROOKE ST W MTL STURGEON FALLS ONT	B ENG 1 BE 7102
PAIGE WILBUR ERNEST 3445 PEEL ST MTL BOX 83 WINDSOR MILLS QUE	D D S 3 VI 5 9462
PAIVIO ALLAN U 5195 KING EDWARD AVE MONTREAL QUE	PH D 2 HU A 5265
PAJARI GEORGE EDWARD 2525 DARLING AVE APT 5 MONTREAL QUE	B SC 4 LA 6 4868
PAJUK GEORGE 9211 13TH AVE MONTREAL 38 QUE	B ENG MET 3 RA 1 4068
PAL IZZUD DIN 3449 SHUTER ST APT 2 MONTREAL 1A QUE	PH D 3 VI 9 2603
PALAMEDES BASILE 3420 SHUTER ST MTL 112 PERCY ST OTTAWA ONT	M A 1 VI 9 5827
PALK FRANCES JANET 4780 VICTORIA AVE MONTREAL QUE	B A 1 EL 7080
PALMER CHARLES BRUNSON 1455 DRUMMOND ST APT 61A 14299 FORDHAM DETROIT MICHIGAN U S A	MUS B 2 AV A 0744
PALMER ROBERT ALLAN MACDONALD COLLEGE CONWAY R R P E I	B SC AGR 4
PALMER WILFRED HOWARD 337 ROSLYN AVE WEST MONTREAL QUE	MED DIPL 3
PALUBINSKAS BERTHA L 338 1ST AVE VILLE LA SALLE QUE	B SC 4 PO 6 4075
PALVOGYI FRANK 2825 MAPLEWOOD AVE MONTREAL QUE	B ENG EL 4
PALYI LASZLO 2450 ST ANTOINE ST MONTREAL QUE	B ARCH 2
PANCER RONALD 782 DE L EPEE AVE MONTREAL QUE	B ENG EL 3 CR 9 6870
PANCHAM SONILAL R 1001 SHERBROOKE ST W MTL BORDE NARVE VILLAGE BRONTE ESTATE SAN FERNANDO TRINIDAD B W I	B SC 2 BE 0H11
PANCIUK CHARLES 144 FOURTH AVE VILLE ST PIERRE QUE	B ENG CIV 4
PANKHURST RUTH FRANCES 2005 MANSFIELD ST APT 3 MONTREAL QUE	MD CM 2 VI 5 2048
PAPACONSTANTINOU JOHN MACDONALD COLLEGE 82 CHARLES ST HAMILTON ONT	B SC AGR 2
PAPADOPOL MICHEL 3517 JEANNE MANCE ST APT 2 MONTREAL QUE	B ENG CIV 4 VI 9 5897
PAPAURELIS LUDWICK L 6930 43RD AVE MONTREAL 36 QUE	B ENG 1 RA A 0464
PAPEZIK VLADIMIR STEPHEN 79 BRUCE AVE WESTMOUNT QUE	PH D 2 WE 2 1580
PAPPELBAUM STANLEY JACK 5165 ISABELLA AVE MONTREAL QUE	B SC 3 RE 7 1455
PAQUETTE ANDRE CLAUDE 3691 MENTANA ST APT 1 MONTREAL QUE	B SC 3 AV A 6855
PAQUIN CLAUDET MACDONALD COLLEGE 1055 THEORET AVE ILE BIZARD QUE	HOMEMAKER 1
PAQUIN JACQUES ALBERT 3641 UNIVERSITY ST MTL 34 CHENIER VAL DOR QUE	B ENG 2 VI 9 0593
PAQUIN JEAN CLAUDE 3410 DELORIMIER APT 10 MONTREAL QUE	B ENG CH 4 LA 6 4615
PARAKKAL PAUL FABY 633 UNDERHILL PLACE MTL PARAKKAL HOUSE ALWAYE P O S INDIA	M SC 1 VI 5 5930
PARCHMENT DONALD ALO MACDONALD COLLEGE SANDY GROUND FYFFEJ PEN P O JAMAICA B W I	B SC AGR 2
PARE LOUIS 4730 KENT AVE MONTREAL QUE	D D S 3 RE A 1777
PARENT JOSEPH RICHARD J 258 SHERBROOKE ST W MTL 987 DE LA TERRIERE ST TROIS RIVIERES QUE	B ENG 1 BE 7102
PARISH MARY HELEN 7268 BLOOMFIELD AVE PARK EXTENSION MONTREAL QUE	B A 4 CR 7 3449
PARK MARTIN DAVID 6232 MACDONALD AVE HAMPSTEAD QUE	B A 3 HU 9 2615

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
PARKER GORDON GLENN 5403 DUPUIS AVE MONTREAL 29 QUE	B ENG CH 4 RE R 2277
PARKER THOMAS CAMPBELL F 631 LANSDOWNE AVE WESTMOUNT QUE	PH D 2
PARKINS GAIL KATHLEEN 465 GROSVENOR AVE WESTMOUNT QUE	B SC 1 WE 5 6812
PARKINSON CAROL JOAN 435 BRIXTON AVE ST LAMBERT QUE	B SC 2 OR 1 6693
PARR JORGE EDUARDO 258 SHERBROOKE ST W MTL AVE 15 19006 ESQ 194 APTO BILTMORE HAVANA CUBA	B ENG 1 BE 7836
PARRISH ROBERT MERLE 3673 PARK AVE MTL TURNERVILLE ONT	MED DIPL 2 VI 9 5911
PARSONS HERBERT AYLMER 3562 SHUTER ST APT 11 ISLANDBROOK QUE	B ENG 2 BE 5815
PARSONS IAIN RONALD DERRY 4860 QUEEN MARY RD APT 9 MONTREAL QUE	B A 1 RE 1 1393
PARSONS RICHARD DERRY 4860 QUEEN MARY ROAD APT 9 MONTREAL QUE	B ENG CIV 3 RE 1 1393
PARSONS THOMAS BARRY MACDONALD COLLEGE COMPTON COUNTY ISLANDBROOK QUE	AGR DIP 1
PARSONS TIMOTHY RICHARD 3524 DUROCHER ST APT 12 MONTREAL QUE	PH D 4 AV R 4490
PARTRIDGE CLIFFORD PETER 4675 TRENHOLME AVE N D G MONTREAL QUE	B ENG 2 DE 4083
PARTRIDGE JOHANNA BERGEN 41A STE ANNE ST STE ANNE DE BELLEVUE 75 REGENT ST W HAWKESBURY ONT	TCH ELEM 1
PASCHKULEW BORIS NIKOLOW OSHAWA MISSIONARY COLL BOX 308 OSHAWA ONT	M A 1
PASOFF SIDNEY 223 ST VIATEUR ST W APT 8 MONTREAL QUE	B ENG PHY 5 CR 6 8787
PASTERNAK ISRAEL SZAPSAJ 2135 VAN HORNE AVE APT 7 P O BOX 109 BRIDGETOWN BARBADOS B W I	PH D 3 RE 7 6307
PASZTOR PETER JOHN C O MAXWELL SCHWARTZ 3595 NORTHCLIFFE AVE MONTREAL QUE	B COM 3 EL 4518
PATERAS BRUNO JOSEPH A 8020 ST DOMINIQUE ST MONTREAL QUE	B C L 4 DU 7 4692
PATERSON DAVID EDWARD 6961 MONKLAND AVE APT 8 MONTREAL 29 QUE	B COM 4 HU 1 8667
PATERSON MARGERY GORDON 4311 MONTROSE AVE WESTMOUNT QUE	B A 2 WE 3 6985
PATERSON SUSAN DOUGLAS MACDONALD COLLEGE 348 NORTH SHORE BLVD ALDERSHOT BURLINGTON ONT	B SC P ED 1
PATERSON WHEELER IAN R CAIXA POSTAL 571 RIO DE JANEIRO BRAZIL SOUTH AMERICA	B ENG EL 4
PATERSON WILLIAM GORDON 6550 WILDERTON AVE APT 19 MONTREAL QUE	PH D 2 RE R 2820
PATON HUGH ANTHONY 111 SUNNYSIDE AVE WESTMOUNT QUE	B ENG 1
PATRICK GODWIN OLU WILSON HALL C M S CHURCH OGORI VIA OKENE NIGERIA B W AFRICA	B SC 3
PATRICK NELLIE ANN 464 VICTORIA AVE MONTREAL QUE	PHYSIOTH 4 DE 2306
PATSIOS GEORGE MACDONALD COLLEGE 1320 BERNARD AVE E APT 6 MONTREAL QUE	B SC P ED 1
PATTEN PENELOPE MARGARET MACDONALD COLLEGE MEADOWBANK FARM R R 1 KNOWLTON QUE	HOMEMAKER 1
PATTERSON GIBSON HOWARD MACDONALD COLLEGE R R 1 BILLINGS BRIDGE OTTAWA ONT	B SC AGR 2
PATTERSON PATRICIA JEAN BOX 950 MACDONALD COLLEGE 3462 WALKLEY AVE MONTREAL 28 QUE	TCH INT 2
PATTERSON ROBERT MCMILLAN Y M C A 1441 DRUMMOND ST 270 SHERWOOD DRIVE OTTAWA 3 ONT	B ENG COM 5 VI 9 4171
PATTISON ADELA HAWTHORNE 3426 HUTCHISON ST APT 5 MONTREAL QUE	B C L 1 VI 9 1446
PATTON ADERY CATHERINE A 49 DUFFERIN ROAD HAMPSTEAD QUE	B SC 3 EL 1701
PATTON ANITA LOUISE MACDONALD COLLEGE 1021 CHESTNUT DRIVE BOX 453 BAIE D URFEE QUE	B SC H EC 1
PATTON ROBERT EDWARD MACDONALD COLLEGE C O STE ANNE S HOSP STE ANNE DE BELLEVUE QUE	B SC 3
PATTON RONALD GORDON MACDONALD COLLEGE C O STE ANNE S HOSP STE ANNE DE BELLEVUE QUE	B SC AGR 1
PAVELKO STEPHEN VINCENT J 6559 18TH AVE MONTREAL 36 QUE	B A 2 RA 2 9208
PAVITT BARRY WILSON HALL 16 MEADOW GARDENS EDGWARE MIDDLESEX ENGLAND	B A 2 RE 0624
PAVLASEK THOMAS JAN F 720 30TH AVE LACHINE QUE	PH D 4 ME 7 7187
PAVLYCHENKO ANASTASIA N T ROYAL VICTORIA COLLEGE 1027 TEMPERANCE SASKATOON SASK	B SC P ED 3
PAWLOWICZ DIANE W 6297 MCLYNN AVE MONTREAL QUE	B ARCH 3 RE R 5350

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
PAYETTE GILLES JOSEPH 4500 CIRCLE ROAD MONTREAL 26 QUE	B ENG 2 RE R 1790
PAYNE JOHN HOWARD 1395 BELANGER ST APT 1 MONTREAL 35 QUE	B COM 2 CR 2 4648
PAYNTER JOHN BERNARD P 3647 UNIVERSITY ST MTL LITTLE GILL EDENBRIDGE KENT ENGLAND	B ENG MCH 5 VI 9 2806
PEACOCK ANN MARGARET 900 SHERBROOKE ST W MONTREAL 2 QUE	M A 1 VI 5 6934
PEARCE BRIAN CHRISTOPHER 190 DUFFERIN RD HAMPSTEAD QUE	B A 1 HU 9 3274
PEARCE BRYAN WILLIAM 5664 JEANNE MANCE ST MTL 8635 FRENCH ST SUITE 6 VANCOUVER B C	B A 1 CR 7 5865
PEARCE GEORGE ROLAND 3473 UNIVERSITY ST MTL STE 6 8635 FRENCH ST VANCOUVER B C	B D 1
PEARCE HELEN SHEEVAUN 6 EDGEHILL AVE MONTREAL 25 QUE	B A 2 WE 2 7391
PEARMUND ROBERT MARSDEN DOUGLAS HALL 9 WOLSEY CLOSE KINGSTON HILL SURREY ENGLAND	B COM 2 VI 9 3183
PEARSON EDMUND THADDEUS 4961 KENSINGTON AVE N D G MONTREAL QUE	B ENG COM 5 HU 1 8379
PEART GEORGE MACDONALD COLLEGE 59 ABITIBI AVE WILLOWDALE ONT	B SC AGR 1
PECKAR JANE ALICE ROYAL VICTORIA COLLEGE 33 JEROME AVE NEW ROCHELLE NEW YORK U S A	B A 4 PL 0477
PEDERSON ERIK CONSTANTINO 3609 UNIVERSITY ST MTL 407 AVE D SOUTH SASKATOON SASK	PH D 3 AV R 6307
PEFFER GORDON WOLFE 4708 MACKENZIE ST MONTREAL QUE	B ENG 1 RE 7 9523
PEI DAVID CHUNG TEE 3712 JEANNE MANCE ST APT 4 MONTREAL 10 WISTIRIA ROAD KOWLOON HONG KONG	PH D 1 VI 9 5035
PELADEAU JOSEPH MARK E 92 ST JOSEPH STA FARNHAM QUE	B COM 3
PELLETIER ALISON 4933 WESTERN AVE WESTMNT 129A DES ERABLES VALLEYFIELD QUE	GR N CERT 1 EL 3650
PELTONEN PIRKKO LIISA E 77 STERLING AVE VILLE LASALLE QUE	B SC 4 ME 7 4317
PEMBERTON SMITH GEORGE D 418 CLAREMONT AVE WESTMOUNT QUE	B ENG MCH 4 EL 7816
PENG JOHN FAI SUEN 3562 HUTCHISON ST MTL 3900 GREYSTONE AVE APT 64F BRONX 63 NEW YORK U S A	B ARCH 3
PENNER ARNOLD DEREK EWAN 4650 EARNSCLIFFE AVE MONTREAL QUE	B A 1 HU 1 4368
PENNEY FRANK ROWE 3485 MCTAVISH ST MTL 30 JUNCTION ROAD GRAND FALLS NFLD	B ENG CH 4 VI 9 0141
PENNY JANET 456 PINE AVE W APT 6 MTL KEELS BONAVISTA BAY NFLD	GR N CERT 1
PENTINGA ROBBERT 5190 WALKLEY AVE APT 6 MONTREAL QUE	B D 2
PEPIN WILLIAM REID 3472 MCTAVISH ST MTL 452 EAST MERRIMACK ST LOWELL MASS U S A	D D S 3 VI 5 8001
PEREDERY WALTER VOLODYMYR 5494 CHARLEMAGNE AVE MONTREAL QUE	B ENG 2 RA R 2815
PEREL MORTON LEONARD 145 BROOKFIELD AVE TOWN OF MT ROYAL QUE	B SC 3 RE R 3492
PEREL STANLEY 5712 WILDERTON AVE MONTREAL QUE	B ENG 1 RE R 8286
PERELMAN FRANK HENRY D 661 QUERBES AVE APT 5 OUTREMONT QUE	B ENG 2 CR 6 2230
PEREY DANIEL YVES EMILE 92 FRECHETTE AVE LAVAL WEST QUE	B SC 4
PEREZ ENRIQUE 3185 ELLENDALE AVE APT 8 AVE HIPODROMO A 11 GUATEMALA 2 GUATEMALA	MED DIPL 1 RE R 2457
PERLIS IRENE 5122 LACOMBE AVE MONTREAL QUE	B A 3 RE 7 7975
PERLMAN SYDNEY ALFRED 4860 ROSLYN AVE MONTREAL QUE	B ARCH 2 RE R 8336
PEROT PHANON LEONIDAS 3525 DUROCHER ST APT 77 1405 PARK AVE MONROE LA U S A	MED DIPL 2 AV R 5830
PERRAS PIERRE JOSEPH C 2101 MAPLEWOOD AVE MONTREAL QUE	MED DIPL 2 RE 1 6592
PERRIN GERTRUDE BLANCHE 41 DUFFERIN ROAD MTL 29 STE 8 ENFIELD APTS 661 PRESTON AVE WINNIPEG MAN	B L S 1 EL 4048
PERRON JEAN YVES 5417 WESTMORE MONTREAL QUE	M ENG 2 HU R 3775
PERRON JOSEPH JEAN G 2857 CADILLAC ST MTL 1592 FRIGON ST SHAWINIGAN FALLS QUE	B ENG EL 3 CL 5 4594
PERRON PIERRE ANDRE 10790 ST CHARLES AVE MONTREAL QUE	MUS B 2 DU R 5862
PERROTTA SILVIO MATTEO 7115 PAPINEAU ST MONTREAL QUE	B ENG CIV 4 RA R 4104
PERRY PATRICIA RUTH 62 MAPLE CRESCENT BEAUREPAIRE QUE	M S W 1
PERZOW SYDNEY MICHEL 5216 CLANRANALD AVE MONTREAL QUE	B SC 1 DE R026
PETER WILLIAM JOHN 424 SHERBROOKE ST APT 37 SOUTHAMPTON N Y U S A	MD CM 1 AV R 7563

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
PETERS EDWARD ALAN 3492 HUTCHISON ST MTL 114 THOMPSON AVE NEW CONCORD OHIO U S A	B COM 2 VI 9 6456
PETERSEN RALPH GORDON 3430 STE FAMILLE ST MONTREAL QUE	B ENG EL 4 AV 8 0676
PETERSON REIN 4947 EARNSCLIFFE AVE MONTREAL QUE	B ENG MET 3 EL 6151
PETIT HUGHES DANIEL 2079 KIMBERLEY MONTREAL QUE	B ENG MET 4 BE 6485
PETO MARGARET 6909 BORDEAUX ST MONTREAL QUE	PH D 3 RA 8 0280
PETRIE EDWARD ARCHBALD 3480 ONTARIO AVE MTL ROTHESAY N B	MD CM 3 VI 9 8785
PETROGIANNIS DEMETRIOS S 290 ST AUBIN ST VILLE ST LAURENT QUE	M A 2 RI 7 5739
PETRUK WILLIAM GLEN ELDER SASK	PH D 4
PETRYK ALLEN ALEXANDER 2652 SPRINGLAND ST MONTREAL 20 QUE	B SC 2 PO 8 5082
PETTIGREW MAURICE ANTOINE 3463 SHUTER ST MTL 29 DUGAL ST EDMUNDSTON N B	B ARCH 3
PEVZNER FRANCES LINDA 6271 DEACON ROAD MONTREAL QUE	H A 4 RE 9 0402
PFAEFFLIN GOETZ EBERHARD 1181 MOUNTAIN ST MTL C O DR ROETHE 447 CHESTER AVE. TOWN OF MT ROYAL QUE	B ENG 2 UN 6 0630
PFEFER IRVING MARVIN 4393 MARCIL AVE MONTREAL QUE	B ENG 2 EL 3550
PHILIPP EDWARD ROWLAND S 3445 STANLEY ST APT 14 5 PARK AVE HOVE 3 SUSSEX ENGLAND	B A 3 VI 9 7107
PHILIPS NANCY PATRICIA ROYAL VICTORIA COLLEGE 20 SHERWOOD ST BROCKVILLE ONT	PHYSIOTH 4 PL 0526
PHILLIPS CHARLES ORMOND D BOX 22 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 5
PHILLIPS GORDON KENNETH 275 BEVERLEY AVE TOWN OF MT ROYAL QUE	B SC 4 RE 8 0572
PHILLIPS IVAN EDWARD 48 BELVEDERE PLACE WESTMOUNT QUE	B C L 2 WE 3 6996
PHILLIPS MARILYN FLORENCE MACDONALD COLLEGE 257 REGENT ROAD ST LAMBERT QUE	TCH KIND 1
PHILLIPS ROGER WILLIAM F 4240 BEACONSFIELD AVE 227 GAY LUSSAC ARVIDA QUE	B SC 2 DE 6400
PHILLIPS WILLIAM JOHN A MACDONALD COLLEGE CEDAR COT 67 KING S ROAD FLEET HANTS ENGLAND	AG AD DIP 1
PHILPOTT FRANK SUMNER 40 EDGEHILL ROAD WESTMOUNT QUE	B ENG 2 HU 8 8010
PHILPOTTS ANTHONY ROBERT 4 BRUNET AVE DORVAL QUE	B SC 4 ME 1 1125
PHILPOTTS GEOFFREY CLIVE 4 BRUNET AVE DORVAL QUE	B SC 3 ME 1 1125
PHILPOTTS JOHN ALDWYN 4 BRUNET AVE DORVAL QUE	B SC 3 ME 1 1125
PIASECKI GEORGE 2854 HOLT ST MONTREAL 36 QUE	MD CM 4 RA 2 1358
PIAZZA JEAN MARIE 3474 MCTAVISH ST MTL 64 HECKMAN ST PHILLIPSBURG N J U S A	GR N CERT 1 PL 0805
PICARD CLAUDE RAYMOND LEO 2805 NOTRE DAME ST LACHINE QUE	B ENG EL 4 ME 7 2958
PICARD REAL ROBERT 7771 LOUIS HEBERT MONTREAL QUE	B ENG MCH 5 RA 7 2741
PICK WILLIAM EDWARD 2050 VENDOME AVE MONTREAL QUE	B ENG MET 4 HU 1 8511
PICKEL GEORGE HAROLD 4835 GROSVENOR AVE MONTREAL QUE	B C L 2 HU 9 5122
PICKERING HUGH RUSSELL 500 PINE AVE W MTL 67 LEXINGTON AVE BUFFALO NEW YORK U S A	MD CM 4 VI 9 1545
PICKERSGILL DAVID N W DOUGLAS HALL 1527 PRINCESS ST REGINA SASK	B ENG 2 AV 8 7630
PICKETT GEORGE EASTMAN DOUGLAS HALL 452 REBECCA ST MORGANTOWN W VA U S A	MD CM 1
PICKUP THOMAS P O BOX 13 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 2
PIELA ANNIE MARY 7106 19TH AVE VILLE ST MICHEL QUE	B ED 4 RA 2 5291
PIERCE LINDA MARGARET 5688 QUEEN MARY RD HAMPSTEAD QUE	PHYSIOTH 1 DE 1691
PIERCE MARTIN ALEXANDER 5688 QUEEN MARY RD HAMPSTEAD QUE	B COM 2 DE 1691
PIERER VON ESCH ALPHONSE 3435 PRUDHOMME AVE APT 26 MONTREAL QUE	B A 3 EL 2052
PIERRE FRANCOIS CHARLES 4636 MARCIL ST 30 HENILMONTANT BLVD PARIS 20TH FRANCE	B COM 3 DE 9644
PIETTE MONIQUE 1280 ST LOUIS ST LACHINE 102 SALABERRY ST JOLIETTE QUE	B C L 1 ME 7 7276
PIKE DAVID ALAN WINGEATE 758 SHERBROOKE ST W APT 7 MTL LINCOMBE DRIVE HOTEL TORQUAY ENGLAND	B A 2
PIKE HELEN NYLA MACDONALD COLLEGE NORTH HATLEY QUE	TCH ELEM 1
PIKE JOHN GIBSON 25 MAPLE AVE ST ANNE DE BELLEVUE QUE 268 HOMEWOOD AVE HAMILTON ONT	PH D 3

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
PILAR VLAD RUDOLF 392 ROSLYN AVE WESTMOUNT QUE	B A 2 WE 5 2897
PILBEAM HENRY DAVID 3653 UNIVERSITY ST MTL CAIXA 571 RIO DE JANEIRO BRASIL	B ENG 2 PL 2073
PILDITCH SIMON ANDREW L 488 ARGYLE AVE WESTMOUNT QUE	B A 2
PILLAI N G 1431 MACKAY ST APT 17 C O MR K SHANKAR PILLAR 21 BABAR LANE NEW DELHI 1 INDIA	M A 1 AV R 7786
PILON ANDRE GEORGES AIME 3554 GREY AVE N D G MONTREAL QUE	B ENG EL 3 DE 4564
PILON CHARLES ROBERT 602 JARRY EAST APT 1 MONTREAL QUE	B ENG CIV 4 CR 2 0297
PILON JEAN GUY HARRISSON HOUSE BOX 84 MACDONALD COLLEGE 130 BLAINVILLE QUEST STE THERESE BLAINVILLE CO TERREBONNE QUE	M SC 1
PILON LUCILLE VIRGINIA 80 LAURIER AVE EAST MTL 101 TREMOU ROAD NORANDA QUE	B SC N 1 CH 1 0275
PILON ROLAND GERARD 328 STE MARIE ST JEAN QUE	M A 1
PILSON MICHAEL EDWARD Q P O BOX 81 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 3
PILVTIK WALTER JOHN 4512 HUTCHISON ST MTL 156 SHERBROOK ST WINNIPEG MAN	D D S 4 CR 7 9598
PIN GINO ANTHONY 3535 DUROCHER ST APT 1 213 EYRE ST SUDBURY ONT	B ARCH 2 VI 9 4893
PINCHEIRA JUAN ALFONSO 1855 RACHEL ST EAST MONTREAL 34 QUE	PARTIAL LA 6 5961
PINCHIN MARION 3459 DRUMMOND ST APT 22 4403 WELWYN ST VANCOUVER 12 B C	GR N CERT 1 BE 0653
PINCHUK MARVIN 4912 LACOMBE AVE MONTREAL QUE	B SC 1 RE R 4381
PINCOTT ROBERT SPENCER 3660 LORNE CRES APT 23 MONTREAL QUE	MD CM 2 VI 5 9812
PINKSTONE ROBERT ANTHONY 5145 MONTCLAIR AVE N D G MONTREAL QUE	B ENG 1 HU 9 1372
PINSKY CARL 5681 DUROCHER AVE OUTREMONT QUE	PH D 2 CR 1 8333
PINSKY JOEL ARNOLD 4910 MAPLEWOOD AVE MONTREAL QUE	B C L 1 RE 3 7988
PINSKY LEONARD 5131 BARCLAY AVE MONTREAL QUE	MD CM 2 RE 3 9376
PINSLER PAUL 2450 BEDFORD ROAD MONTREAL QUE	B ENG 2 RE 1 6175
PITFIELD PETER MICHAEL 1102 ELGIN TERRACE APT 201 MTL SARAGUAY HOUSE SARAGUAY QUE	B C L 3 BE 1616
PITSAS CONSTANTINE 3417 SHUTER ST MTL 643 NOTT ST SCHENECTADY N Y U S A	D D S 2
PIVNICKI DIMITRIJE 495 PRINCE ARTHUR ST W MONTREAL QUE	MED DIPL 1 PL 3537
PIZZO ALBERT GENE 25 PINE AVE W APT 325 5230 PIZZO ROAD LA CANADA CAL U S A	MD CM 1
PLACEK ELIZABETH VERA ROYAL VICTORIA COLLEGE 137 WELLINGTON W TORONTO ONT	B A 4 PL 0477
PLANT RAFE JAMES 3024 BRESLAY ROAD MONTREAL 6 QUE	B C L 1 WE 5 4570
PLATUPS EGLONS ZIEDONIS 5182 MONTCLAIR AVE MONTREAL 29 QUE	B ENG 2 HU R 7194
PLEET ISRAEL LEONARD 4361 LINTON AVE APT 7 MONTREAL QUE	B A 1 RE 9 0261
PLUCINSK JOSEPH COLMAN 5101 ROSEMOUNT BLVD MONTREAL 36 QUE	B ENG MCH 5 CL 9 7493
PLUMPTON ARTHUR JAMES B 107 FLORIDA DRIVE BEACONSFIELD WEST QUE	B ENG 2 OX 5 9838
PLUSS WERNER HERMAN 5030 BORDEN AVE MONTREAL 29 QUE	B ENG 2 DE 2609
POCOCK DOROTHY MARGARET E ROYAL VICTORIA HOSPITALP 633 EDISON AVE OTTAWA ONT	B N 2 PL 0847
PODBERE FAIGI SOREL 4720 MERIDIAN AVE MONTREAL QUE	B L S 1 HU 1 1363
PODGORNIK LOUIS EUGENE 2 WILLS ST WALLACEBURG ONT	M A 3
POFELIS SORYL 2110 BARCLAY AVE MTL MONTREAL QUE	B A 1 RE R 8915
POGUE THOMAS RICHARD MACDONALD COLLEGE 942 RIVERSIDE DRIVE TECUMSEH ONT	B SC AGR 2
POIRIER JOHN JOSEPH 209 1ST AVE VERDUN QUE	M S W 1 PO 4 5637
POIRIER MAURICE 1598 AMHERST ST APT 12 26 VISITATION ST JOLIETTE QUE	B SC 3 LA 1 1851
POITRAS LAURENT 3573 HUTCHISON ST MTL L ISLETVILLE QUE	B ENG MI 3 PL 0601
POKORNY KAREL FORSELLES 1455 CRESCENT ST MONTREAL QUE	B ARCH 6 AV R 7972
POLAK HELENA 5900 MONKLAND AVE APT 10 MONTREAL QUE	M S W 1 HU R 8998
POLAND JOHN CUNLIFFE 44 ACADEMY ROAD WESTMOUNT QUE	B SC 2 WE 2 7638

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
POLANSKY HARRY MOSES 6332 WESTBURY AVE MONTREAL QUE	RE 8 4581	B SC 2
POLANSKY SYDNEY WILLIAM 3195 VAN HORNE AVE APT 2 MONTREAL QUE	RV 8 6524	B ARCH 5
POLAWSKI ALEXANDER JOSEPH 3579 SHUTER ST MTL 70 OTTAWA ST N HAMILTON ONT	VI 9 8287	D D S 2
POLGER ABRAHAM 5342 CUMBERLAND AVE MONTREAL QUE	HU 8 7971	B C L 1
POLIANSKI ALEXEI NICHOLAS 62 FAIRLAWN CRESCENT BEACONSFIELD QUE	PARTIAL	
POLICHRONIS IRENE A 1619 VAN HORNE AVE APT 5 OUTREMONT QUE	CR 6 6860	B A 1
POLLACK AARON 1957 CLINTON AVE MONTREAL QUE	RE 8 1070	B A 3
POLLACK ELIZABETH MONTREAL CHILDREN S HOSP SCHIESSTATT GASSE 14 GRAZ AUSTRIA	WE 7 8511	MED DIPL 3
POLLARD SAMUEL LISTER 10961 ESPLANADE AVE MONTREAL 12 QUE	DU 8 4252	PH D 4
POLLOCK DAVID FINLAY 1515 CHOMEDY ST APT 5 MONTREAL QUE	WE 5 4470	B SC 2
POLLOCK OLIVE JANE B ROYAL VICTORIA COLLEGE R R 3 LACHUTE QUE	VI 9 0858	B A 3
POLLOCK SHEILAH JOY 5139 WESTBURY AVE MONTREAL QUE	RE 3 6963	B A 1
POLLOWY GEORGE 3700 JEANNE MANCE ST MTL 109 LOTTRIDGE ST HAMILTON ONT	PL 0461	B ARCH 3
POLO CORRALES RAFAEL F MONTREAL GENERAL HOSP LORICA CORDOBA COLUMBIA	MED DIPL 1	
POLONI JOHN REGINALD 201 LANG ST COBALT ONT		B ENG 1
POLSTER MENDEL SAMUEL 5484 MOUNTAIN SIGHTS ST MONTREAL QUE	HU 9 1631	TCH INT 2
PONCHNER CELIA 6 MONTEE ST MARIE STE ANNE DE BELLEVUE 5429 VICTORIA AVE MONTREAL QUE	TCH ELEM 1	
PONISKY ANN BOX 950 MACDONALD COLLEGE 8600 WISEMAN AVE MONTREAL QUE	TCH ELEM 2	
POOLE KENNETH 258 SHERBROOKE ST W MTL P O BOX 356 MAIN ST W HAWKESBURY ONT	VI 9 0714	B ENG CH 5
POOLE PAMELA ELEANOR 5128 NOTRE DAME DE GRACE MONTREAL 28 QUE	EL 6282	B N 2
POPE AUDREY JEAN MACDONALD COLLEGE 40 50TH AVE LACHINE QUE		B SC H EC 1
POPIERAITIS ANTHONY S 2427 SPRINGLAND AVE MONTREAL 20 QUE	PO 8 9847	MD CM 1
POPKIN DAVID RICHARD GARDENVALE QUE		B SC AGR 1
POPKIN JOHN OLIVER 23 ELMWOOD AVE SENNEVILLE GARDENVALE QUE		B SC AGR 1
POPLAW ABIE 5489 ST URBAIN ST MONTREAL QUE	CR 6 4264	B ENG 2
POPPO MARTIN JOSEPH 3424 PEEL ST APT 17 MTL 15 CHESTNUT ST RHINEBECK N Y U S A		MD CM 1
PORRITT WILLIAM RICHARD DOUGLAS HALL 25 DUNLOP ROAD TORONTO ONT		B ENG 2
PORTCH SAM STANLEY MACDONALD COLLEGE 44 OXFORD ROAD BAIE D URFE QUE		B SC AGR 2
PORTIGAL DAVID LAWRENCE 4883 VICTORIA AVE MONTREAL QUE	DE 7020	B SC 4
PORTNER GERALD JACOB 5610 BORDEN AVE COTE ST LUC QUE	HU 8 0209	B COM 4
PORTNER PEER MICHAEL 5392 PRINCE OF WALES AVE MONTREAL QUE	HU 1 9511	B SC 1
POST GEOFFREY CAMFRON 4414 ROSEDALE AVE MTL WHITNEY ONTARIO	DE 4460	B A 3
POSTELNIK WILLIAM GERALD 12 MARIE ANNE ST W MONTREAL QUE	AV 8 5364	B A 4
POTASH GERTRUDE RUTH 4894 ISABELLA AVE MONTREAL QUE	RE 3 4597	B A 3
POTHIER MICHEL CLAUDE 474 PRINCE ARTHUR ST APT 8 MTL 2580 GIROUARD ST ST HYACINTHE QUE		B C L 2
POTTEL ENID LOUISE 4977 ISABELLA AVE MONTREAL QUE	RE 8 5569	B A 4
POTTEL JUDITH RHONA 4977 ISABELLA AVE MONTREAL QUE	RE 8 5569	B A 1
POTTER PAUL HIMMELSBACH 3510 LORNE AVE MTL 1186 CHAPIN PARKWAY BUFFALO NEW YORK U S A	RE 8967	MD CM 3
POULIN DENISE IRENE 382 BIRCH AVE ST LAMBERT QUE	OR 1 6088	B SC 1
POULIOT GASTON 5164 RUE LAFABIQUE ST VINCENT DE PAUL QUE		M SC 2
POUNDER LLOYD GEORGE DOUGLAS HALL 2810 ISABELLA ST FORT WILLIAM ONT		B ENG 2
POWELL ALAN HARLAN 495 PRINCE ARTHUR ST W APT 18 MTL R R 1 PORT PERRY ONT	BE 7684	MD CM 3
POWELL CAROLE ANN ROYAL VICTORIA COLLEGE COPPER CLIFF ONTARIO	PL 0829	B SC 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
POWELL DIANE FRANCES 60 NORMANDY DRIVE MONTREAL 16 QUE	PHYSIOTH 1 RE 7 2526
POWELL FRED TEAGLE 3472 MCTAVISH ST MTL 134 E 43RD ST BROOKLYN N Y U S A	D D S 3 VI 5 8001
POWELL FREDERICK GORDON WILSON HALL 5 EAST AVE CORNER BROOK NFLD	B ENG CH 5 RE 0624
POWELL JOHN MARTIN GEOGRAPHY DEPT 41 UXBRIDGE ROAD HAMPTON MIDDX U K	M SC 2
POWELL LLOYD GLADSTONE 421 PRINCE ARTHUR ST W 18 OAKDENE AVE VINEYARD TOWN P O JAMAICA B W I	MD CM 3 VI 5 0546
POWELL PATRICIA ISABEL 340 44TH AVE LACHINE QUE	B SC P ED 1 ME 7 4147
POWER GEOFFREY WATERLOO COLLEGE WATERLOO ONT 254 SUNVIEW WATERLOO ONT	PH D 4
POWER GRAHAM CLIFFORD 3575 STANLEY ST APT 7 MONTREAL QUE	M SC 1 BE 7892
POWER PETER CLINTON WILSON HALL THE TAN HOUSE LAPWORTH WARTS ENGLAND	B ENG 1
POWERS PATRICIA ANN ROYAL VICTORIA COLLEGE 10611 85TH AVE EDMONTON ALBERTA	B SC 4 PL 0327
POWERS ROBERT JAMES MACDONALD COLLEGE 29 CEDAR CRESCENT R C A F ST HUBERT QUE	AGR DIP 1
POY NEVILLE GEORGE 3431 DRUMMOND ST MTL 190 SOMERSET ST W OTTAWA ONT	MD CM 2 VI 5 9445
PRAT OLIVIER CHARLES M H 215 BROOKFIELD AVE TOWN OF MT ROYAL QUE	B C L 1 RE 7 9081
PRATT ROBERT ALAN 166 LAKESHORE DR DORVAL QUE	B SC 2 ME 1 3724
PREMVATI P O BOX 143 MACDONALD COLLEGE NO 10 KABIR MARG LUCKNOW INDIA	PH D 3
PRESANT EDWARD WESLEY 5421 HUTCHISON ST MTL R R 1 BRAMPTON ONT	B SC 2 CR 1 6302
PRESCOTT BLAKE DANIELS 5125 BOURRET ST APT 2 MONTREAL QUE	MD CM 1 RE 3 0687
PRESSMAN DAVID ISRAEL 4697 MACKENZIE ST MONTREAL QUE	B ARCH 6 RE 7 8298
PRESSMAN NORMAN EZRA P 5184 WESTBURY AVE MONTREAL QUE	B ARCH 2 DE 7677
PRETTY JOHN NEIL 600 ROCKLAND AVE OUTREMONT QUE	B ENG CIV 3 CR 7 1736
PRETTY LOUIS COOPER 600 ROCKLAND AVE OUTREMONT QUE	B ARCH 3 CR 7 1736
PREVILLE PHIL ALBERT 1000 ST ROCH AVE MONTREAL QUE	B ENG MCH 4 CR 2 5954
PRICE BRIAN HENRY 3495 MOUNTAIN ST APT 210 P O BOX 181 CHIBOUGAMAU QUE	B ARCH 2 VI 9 1475
PRICE CORA LILLIAN 329 LAURIER AVE E MONTREAL QUE	TCH ELEM 1 CR 7 4718
PRICE DAVID MILES COMO QUE	B A 3
PRICE EVERETT MELBOURNE WILSON HALL 82 BROOK ST AYLMER QUE	B SC 2
PRIDE CAROLINE ELIZABETH MACDONALD COLLEGE 5 WINDERMERE AVE DORVAL QUE	B SC H EC 1
PRIMAK GEORGE 3959 LAVAL AVE MONTREAL QUE	B ENG CH 5
PRINCE ELTON ANTHONY 2416 PARK ROW W MTL 74 PIETERMAAI CURACAO N W I	D D S 1 EL 1841
PRINCE RONALD IAN GEORGE 5845 MONKLAND AVE APT 17 MONTREAL 28 QUE	B ENG EL 4 HU 1 2507
PRISKO LILLI HEDDI 1555 SUMMERHILL AVE APT 415 MONTREAL QUE	PH D 1 WE 2 8492
PRIVES ERIC URIEL M 5750 DARLINGTON AVE APT 8 MONTREAL 29 QUE	B ENG CIV 5 RE 8 7816
PRIVES JOAV MARK 5750 DARLINGTON AVE MONTREAL QUE	B SC 1 RE 8 7816
PRIVES MOSHE ZALMAN 5750 DARLINGTON AVE MONTREAL QUE	PH D 4 RE 8 7816
PROSTERMAN LEONARD LOUIS 555 TAIT AVE VILLE ST LAURENT QUE	D D S 2
PROUDFOOT JAMES MACNABB 115 NEPTUNE BLVD APT 1 STRATHMORE QUE	B ENG MI 4
PROUDFOOT JOHN HART 1555 SOMMERHILL APT 205 195 CLAREMONT AVE KITCHENER ONT	B ENG 2 WE 7 4110
PROULX PETER 6633 BORDEAUX ST MONTREAL QUE	B SC 3 RA 1 1121
PROVENCHER GASTON 708 WESTCHESTER DRIVE BAIE D URFEE QUE	B ENG 1
PRYSHLAKIVSKA IRENE ANNE 3535 DEZERY ST MONTREAL QUE	B COM 2 LA 5 1559
PRYSTASZ RAYMOND ROMAN 8265 DE L EPEE AVE MONTREAL QUE	B ENG 2
PTACK CAROLE 6156 MACDONALD AVE MONTREAL QUE	TCH ELEM 1 EL 5928
PTACK DEANNA VICKY 2585 GOYER ST MONTREAL QUE	B SC 1 RE 3 7637
PTACK HERBERT 2585 GOYER ST MONTREAL QUE	D D S 4 RE 3 7637

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
PTAK DAVID 3945 ST URBAIN ST MONTREAL QUE	B ARCH 2
PULGAR ROBERTO J 1650 DORCHESTER ST W APT 507 MTL URBANIGACION SACE MARINO CHACAO ESTADO MIRANDA VENEZUELA S A	PARTIAL WE 3 3355
PURCELL PETER HAINSWORTH 1795 EMARD AVE MONTREAL QUE	B ENG 1 PO 8 6237
PURCELL WILLIAM BARRY LEO 3851 UNIVERSITY ST MTL 6261 GRANVILLE ST VANCOUVER 13 B C	MD CM 2
PURDON DEREK HOWARD 32 ALEXANDRA DRIVE LIVERPOOL 20 ENGLAND	B A 3
PURO PAUL 5290 CONNAUGHT AVE MONTREAL QUE	B SC 2
PURRE RAIN 4921 BARCLAY AVE APT 6 MONTREAL QUE	B ENG CH 4 RE 3 7948
PURVES JOHN MONTAGUE 2 HUDSON AVE WESTMOUNT QUE	B ENG 1 WE 5 4048
PUSEY JONATHAN ELISHA MACDONALD COLLEGE CLOVER HILL P O JAMAICA B W I	B SC AGR 1
PUTHENPURACKAL CHAKKO BOX 57 MACDONALD COLLEGE T C 1104 EXTRA POLICE RD CANTONMENT TRIVANDRUM S INDIA	PH D 3
PUTNAERGLIS RUDOLPH 207 CLEMENT AVE DORVAL QUE	PH D 3 ME 1 8060
PUTSEP MARA INGEBORG 422 MILTON ST APT 2 MONTREAL 18 QUE	B C L 2 AV 8 6980
PUTTERMAN LAWRENCE 6840 WILDERTON AVE MONTREAL QUE	B ENG 2 RE 1 2107
PYKE BRIDGET MARIAN A FRANKHAM HUDSON HEIGHTS QUE	B A 1
PYLYSHYN ZANNIE WALTER 6250 9TH AVE MONTREAL 36 QUE	B ENG PHY 4 RA 2 3745

Q

QUAN JIM 4067 ST URBAIN ST MTL P O BOX 39 WHITEWOOD SASK	B SC 2 BE 8158
QUAO HERBERT NEE OSAI 529 PRINCE ARTHUR ST W HOUSE NO D 425 1 BRUCE ROAD ACCRA GHANA	B ENG CIV 3
QUARLES JUDITH ANN MACDONALD COLLEGE 2295 FLEMING ROAD TOWN OF MT ROYAL QUE	B SC P ED 1
QUARRINGTON GEORGE ROSS 346 OLIVIER WESTMOUNT 498 DRIVEWAY OTTAWA ONT	M SC 1 WE 2 3757
QUASTEL DAVID M J 3488 NORTHCLIFFE AVE MONTREAL QUE	MD CM 3 HU 1 3475
QUAYLE DAVID GORDON F 13 WINSTON CIRCLE POINTE CLAIRE QUE	B ENG 1 OX 5 3995
QUAYLE DONALD JAMES 13 WINSTON CIRCLE POINTE CLAIRE QUE	B ENG 2 OX 5 3995
QUESNEL ROBERT RENE 3681 ST FAMILLE ST APT 5 BOX 53 SOUTH PORCUPINE ONT	B ENG 2 VI 5 6057
QUEVILLON JOSEPH F P 11817 POINCARE ST MONTREAL QUE	B ENG CIV 4 DU 7 3240
QUILLIAMS ROBERT EDGAR MACDONALD COLLEGE FOSTER QUE	B ED 1
QUINLAN WILLIAM 50 OAKLAND AVE WESTMOUNT QUE	B ENG CIV 3 HU 1 5724
QUINTIN ELIZABETH JANE 53A MONTEE STE MARIE STE ANNE DE BELLEVUE 1550 WHITE ST SHERBROOKE QUE	EDUCATION 1
QUINTO EDWARD RAPHAEL 369 VILLERAY ST APT 4 MONTREAL QUE	B A 2 CR 2 1771
QUINTO MARIO VICTOR 369 VILLERAY ST APT 4 MONTREAL QUE	B ARCH 2 CR 2 1771
QUIRK WENDY ELIZABETH 4589 KING EDWARD AVE MONTREAL QUE	B A 4 EL 5003
QUON CAROLYN ANNE 2163 ST LUKE ST APT 3 MONTREAL 25 QUE	B A 2 WE 2 6605

R

RABINOVITCH ALEXANDER 5797 DEOM AVE MONTREAL 8 QUE	B SC 1 RE 8 1478
RABINOVITCH EDWARD 8585 MOUNTAIN SIGHTS AVE MONTREAL QUE	B SC 4 RE 1 5832
RABY JACOB ISRAEL 1066 ST VIATEUR WEST OUTREMONT QUE	B A 1 CR 1 7457
RABY JOSEPH YVON MARCEL 6843 DE LANAUDIERE ST MONTREAL QUE	B ARCH 5 CR 6 6363
RACICOT MERINDA FLORA BOX 950 MACDONALD COLLEGE SOUTH STUKELY QUE	TCH INT 2
RACICOT RENE 527 ST CATHERINE ROAD MONTREAL QUE	B ENG CIV 3 CR 6 8345
RADCLIFF DIANA CAMPBELL ROYAL VICTORIA COLLEGE 6 CRESCENT ROAD OTTAWA ONT	B A 2 PL 0598
RADEY TERRENCE MICHAEL 31 THORNHILL ST WSTMT 7 WILLIAM ST S LINDSAY ONT	B A 1
RADIMER CARL ANTHONY MACDONALD COLLEGE 11758 BLVD ST GERMAIN MONTREAL 9 QUE	B SC AGR 1
RAFAEL HOWARD 5754 ST LAWRENCE BLVD MONTREAL QUE	B ARCH 6
RAFF ANTON DONALD 622 MURRAY HILL AVE WESTMOUNT QUE	B A 4 DE 4871

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
RAFF MARTIN CHARLES 622 MURRAY HILL AVE WESTMOUNT QUE	B SC 3 DE 4871
RAGATZ ROBERT EDWARD 3440 RIDGEWOOD AVE APT 4 527 WENHAM ROAD PASADENA CALIF U S A	MD CM 2 RE 1 2022
RAIMI RASHIDI AYINDE 2050 MCGILL COLLEGE AVE 3 ONIKEPO ST LAGOS NIGERIA	B ENG MCH 3
RAIMONDO FELIX JOHN 4289 SUNSET DRIVE STE GENEVIEVE QUE	B ENG CH 5
RAINEY CHRISTOPHER A 61 ABERDEEN AVE WESTMOUNT QUE	B A 2
RAJALAKSHMI R 3437 PEEL ST MTL DR JIVERAJ MEHTA HALL UNIVERSITY ROAD BARODA INDIA	PH D 3 BE 0027
RAM WILLIAM IRVING 2825 WILLOWDALE AVE MONTREAL QUE	B COM 1 RE 8 1223
RAMAGE BARBARA ANN 3480 ONTARIO AVE MTL 111 CONNAUGHT AVE HALIFAX N S	PHYSIOTH 3 PL 0044
RAMARADHYA J M 3547 DUROCHER ST APT 5 C O J MALLARADHIJA ADV MANDYA MYSORE STATE INDIA	PH D 4 VI 5 9765
RAMON MOLINER ENRIQUE 3801 UNIVERSITY ST MONTREAL QUE	PH D 2
RAMSAY ALEC ROBERT 8106 KILDARE ROAD COTE ST LUC QUE	B SC 4
RAMSEYER JUDITH 456 PINE AVE APT 37 MTL 2 PUTNAM HILL GREENWICH CONN U S A	M SC 1 BE 8382
RANCE RICHARD HERBERT 241 DUBORD CRESCENT DORVAL QUE	B ENG 2 ME 1 8619
RAND SHERRILL MARIE 6515 COTE ST LUC ROAD TOWN OF COTE ST LUC QUE	B A 1 DE 0284
RANDAL LINDA KATHLEEN 109 CLAUDE AVE DORVAL QUE	B A 1 ME 1 3729
RANDALL SYLVIA MARGUERITE 2868 HILL PARK CIRCLE MONTREAL 25 QUE	B A 2 WE 5 8090
RANDELL ROBERT LATHAM MACDONALD COLLEGE 894 54TH AVE LACHINE QUE	B SC AGR 4
RANKIN PAUL B 3325 DECELLES PLACE APT 102 MTL 1135 CHARTIERS ST BRIDGEVILLE PENN U S A	D D S. 1 RE 7 8919
RAO CHERUKURI KANAKA D 2650 GOYER APT 4 MONTREAL 26 QUE	M SC RE 1 5994
RAPATZ EDWARD R ROYAL VICTORIA HOSPITAL 50 ROBINSON DRIVE SAN FRANCISCO 24 CALIF U S A	MD CM 4
RAPHAEL LLOYD OSWALD 3437 HUTCHISON ST MONTREAL QUE	B SC AGR 4 BE 1343
RAPKIN ELAINE BARBARA 5580 MACDONALD AVE HAMPSTEAD QUE	B A 1 HU 8 5720
RAPKIN MICHAEL 5580 MACDONALD AVE HAMPSTEAD QUE	B ENG EL 4 HU 8 0603
RAPOPORT DENISE 3845 DECARIE BLVD APT 3 MONTREAL QUE	B A 2 HU 8 6557
RAPOPORT WESLEY 5583 GLEN CREST AVE TOWN OF COTE ST LUC QUE	B A 4 EL 1459
RAPP BERNARD 3540 NORTHCLIFFE AVE N D G MONTREAL QUE	B ENG 1 DE 5041
RASHCOUSKY FLORENCE HELEN 33 ST GEORGE STE ANNE DE BELLEVUE 5429 DUROCHER AVE OUTREMONT QUE	TCH KIND 1
RASHID SYED AKHTAR INFIRMARY STE ANNES HOSP STE ANNE DE BELLEVUE QUE CHAND KOTHI HAZASIBAGH BIHAR INDIA	MED DIPL 1
RATHWELL MORRIS ANDREW MACDONALD COLLEGE ARUNDEL QUE	TCH ELEM 1
RATNER ANN SARA 4691 BONAVISTA AVE MONTREAL QUE	B A 1 DE 9225
RATTO JOSEPH GILBERT 5255 TRANS ISLAND AVE MONTREAL QUE	B COM 2 EL 2320
RATTRAY JANICE BRENDA B 115 REGENT ST GREENFIELD PARK QUE	PHYSIOTH 3 OR 1 6603
RAUCH SOL 5921 CLARK ST MONTREAL QUE	B ENG 1 CR 4 7648
RAUDSEPP JOHN 2392 MADISON AVE N D G MONTREAL QUE	B ENG 2 HU 1 1716
RAUF MOHAMMED NASEEM 3851 UNIVERSITY ST MTL 585 ACACIA AVE ROCKCLIFFE OTTAWA ONT	MD CM 3 AV 8 2774
RAVENSDALE HENRY MAURICE 1550 MCGREGOR ST MTL 37 SNEATH AVE GOLDERS GREEN LONDON N W 11 ENGLAND	B A 1 WE 5 0513
RAYCHAUDHURI SUNILKUMAR 3660 LORNE CRESCENT APT 16 MONTREAL 2 QUE	PH D 3 AV 8 2787
RAYE JEAN STAFFORD ROYAL VICTORIA COLLEGE 21 GENEVA ROAD MELROSE 76 MASS U S A	B A 2 PL 0265
RAYMOND PIERRE 3940 COTE DES NEIGES APT 8101 MONTREAL QUE	B C L 1 WE 2 1766
RAYMOND ROBERT JEAN 630 KENASTON AVE MONTREAL QUE	B SC 1 RE 7 8538
RAYNER SALLY RUTH 122 DOBIE AVE MONTREAL 16 QUE	B A 3 RE 7 1878
RAYNES GRAHAM WILLIAM 2087 WESTMORE AVE APT 8 N D G MONTREAL QUE	M A 2 EL 5610
RAYNES HAROLD 2655 GRANBY AVE MONTREAL QUE	B D 1 CL 6 3177

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
RAYPORT MARK 3500 REDPATH ST MTL 190 WAVERLY PLACE NEW YORK 14 N Y U S A	PH D 4
RAYSIDE BARBARA JEAN 468 STRATHCONA AVE WESTMOUNT QUE	B A 2 WE 7 2404
READ DALE WELTON 2101 UNIVERSITY ST APT 9A MONTREAL QUE	PH D 3
REDMAN HARMAN BARROW WILSON HALL CENTRAL ROMANA LA ROMANA DOMINICAN REPUBLIC	B ENG 1
REDMOND JOHN E APT B 13 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC 3
REDPATH BRUCE BECKWITH 3785 THE BOULEVARD WESTMOUNT QUE	B SC 3 EL 4366
REDPATH FLORENCE ANNE ROYAL VICTORIA COLLEGE 339 RIVER VIEW DRIVE TORONTO 12 ONT	B SC 3 PL 0334
REDPATH JAMES STOCKTON 2032 MCGILL COLLEGE AVE 339 RIVER VIEW DRIVE TORONTO 12 ONT	B ENG MI 5
REDPATH PETER LANGLOIS 527 VICTORIA AVE WESTMOUNT QUE	B ENG 1 WE 7 5412
REDPATH SUE BECKWITH 3785 THE BOULEVARD WESTMOUNT QUE	PHYSIOTH 5 EL 4366
REECE HAROLD EVELYN 3506 UNIVERSITY ST MTL THREE HOUSES ST PHILIP BARBADOS B W I	B ENG EL 4 BE 0624
REED AUSTIN FREDERICK 205 56TH AVE LACHINE QUE	B ENG 1 ME 7 9760
REED RONALD GUBBON 3660 DUROCHER ST MTL 4636 22ND AVE NE SEATTLE 5 WASH U S A	MD CM 1 AV 8 5933
REES ELIHU PUGSLEY 495 PRINCE ARTHUR ST MONTREAL QUE	B SC 3 AV 8 3491
REES MORGAN VAN ALLEN 495 PRINCE ARTHUR ST W APT 23 MONTREAL QUE	B ENG PWR 5 AV 8 3491
REGENSTREIF AVRUM 1970 GUERTIN ST VILLE ST LAURENT QUE	B ARCH 5 RI 4 6657
REGIMBAL ROGER EMILE 2055 MANSFIELD ST MTL C O AYERS LTD LACHUTE MILLS QUE	B C L 1 AV 8 8119
REHAK PETER STEPHEN 3320 COTE ST CATHERINE APT 21 MONTREAL QUE	B A 3
REICH HARRIET 729 WILDER AVE MONTREAL QUE	B SC 1 CR 1 9341
REICH THEODORE 1001 MT ROYAL BLVD W MONTREAL QUE	B SC 3 CR 2 3942
REICHEL HAROLD JOSEPH 7011 BLVD DE L ACADIE MONTREAL 15 QUE	B ENG CIV 5 CR 1 1079
REICHSTEIN HYMAN 675 CAVEN CIRCLE VILLE ST LAURENT QUE	B ENG 1 RI 4 6626

NAME ADDRESS	COURSE & YEAR TEL. NO.
REID ALISON MARGARET MACDONALD COLLEGE R R 3 HUNTINGDON QUE	B SC H EC 1
REID BRIAN WILLIAM 517 BERWICK AVE MTL 74 BOND ST LINDSAY ONT	B ENG MCH 5 RE 8 2395
REID DONALD WALTER 350 KENSINGTON AVE WESTMOUNT QUE	B ENG 1 WE 2 7751
REID KENNETH HOWARD 574 COTE ST ANTOINE ROAD WESTMOUNT QUE	M SC 1 HU 1 4617
REID NANCY JOAN MACDONALD COLLEGE 31 WOLSELEY AVE S MONTREAL WEST QUE	B SC P ED 1
REID PETER BANCROFT 452 STRATHCONA AVE WESTMOUNT QUE	WE 3 6177
REID RAYMOND ALAIN J 1585 BERNARD AVE OUTREMONT QUE	B COM 3 CR 7 4414
REID STANLEY JOHN MACDONALD COLLEGE R R 3 HUNTINGDON QUE	B SC AGR 2
REID WALTER ROBERT 6893 10TH AVE MONTREAL 36 QUE	B ENG 1
REID YVETTE JOAN MACDONALD COLLEGE 62 POINTE CLAIRE AVE POINTE CLAIRE QUE	B SC H EC 3
REIDER SIDNEY SAMUEL 3710 ST KEVIN AVE APT 2 MONTREAL QUE	RE 3 9363
REIFFENSTEIN RHODERIC J 423 WESTMINSTER AVE N MONTREAL WEST QUE	B SC 3 HU 1 9840
REILLY HERBERT DAVID 210 CHESTER AVE MONTREAL 16 QUE	B SC 1 RE 8 3473
REILLY WILLIAM JAMES 3778 WESTMOUNT BLVD WESTMOUNT QUE	B A 2 DE 3197
REINBLATT LIAN 4520 ROSEDALE N D G MONTREAL QUE	M SC 1 DE 1486
REIS BERNARD 792 CHAMPAGNEUR AVE OUTREMONT QUE	B A 4 CR 9 4070
REISCH ALEXANDER J 11895 FILION ST MONTREAL QUE	B ENG CH 4 RI 4 3104
REJHON EVA OLGA 1525 CLEMENCEAU AVE MONTREAL 19 QUE	B SC 3 PO 7 3429
RELLY BRUCE HAMILTON 5225 SHERBROOKE ST W APT 65 MONTREAL QUE	PH D 3 HU 1 8646
RENAUD JOSEPH PAUL GILLES 3471 PEEL ST MTL 150 BERRI ST HULL QUE	B ENG CIV 4 VI 5 6491
RENNERT ERIC 25 HEATH ROAD HAMPSTEAD QUE	B SC 3 HU 1 7607
RENNERT KATHLEEN 4601 MICHEL BIBAUD ST MONTREAL QUE	B A 3 RE 7 7319
RENNERT MICHAEL DORIAN 38 CRESSY ROAD MONTREAL QUE	B ENG 2 HU 9 6659

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
RENSAA MARGARET ALICE ROYAL VICTORIA COLLEGE 8710 116 ST EDMONTON ALTA	MED DIPL 2
RENTON ROBERT IAN 1264 OSBORNE AVE VERDUN QUE	B ENG MCH 3 PO 6 4007
REPPON JOHN 2065 TRENHOLME AVE APT 3 955 MAITLAND ST LONDON ONT	D D S 1 HU 8 6069
RESNICK DEBORAH 6042 HUTCHISON ST OUTREMONT QUE	B A 2 CR 9 8662
RESNICK LAZER 6042 HUTCHISON ST OUTREMONT QUE	B SC 3 CR 9 8662
REVER BEVERLEY MAUREEN ROYAL VICTORIA COLLEGE 3414 WESTGATE AVE REGINA SASK	B SC 2 PL 0495
REYNOLDS LINCOLN M HUT C 22 BOX 167 MACDONALD COLLEGE 1A EASTROAD HALF WAY TREE JAMAICA B W I	M SC 1
REYNOLDS ROBERT BERESFORD 530 STANSTEAD AVE TOWN OF MT ROYAL QUE	B ENG 1 RE 8 0933
REZEK GABRIEL ELIE 3413 HUTCHISON ST MTL P O BOX 975 BEIRUT LEBANON	PH D 2 AV 8 3018
RHODES CRISPIN DAVID WILSON HALL 8 HURST GROVE WALTON ON THAMES SURREY ENGLAND	B SC 2 BE 0624
RHODES JUDITH RUTH 790 50TH AVE LACHINE QUE	TCH INT 1 ME 7 3478
RHODY JEAN LOUISE 1455 DRUMMOND ST APT 1017 MTL ELMWOOD ONT	M A 1 VI 9 8705
RIBARIC LJUBOMIR REDDY MEMORIAL HOSPITAL 4039 TUPPER ST MTL G V NAZORA RIJEKA YUGOSLAVIA	MED DIPL 2 WE 5 9641
RIBA SMITS ASTRIDA B 2384 BEACONSFIELD AVE APT 9 MONTREAL QUE	TCH ELEM 1 HU 8 4165
RICCI MARIO MICHAEL R 9968 CLARK ST APT 1 MONTREAL QUE	B A 1 DU 8 2360
RICHARD JOHN PAUL 2 BEAUMONT ST BRUNO CO CHAMBLY QUE	B ENG 1
RICHARD JOSEPH HENRI P 4336 ST CATHERINE ST W WESTMOUNT QUE	B ENG COM 5 WE 2 2910
RICHARD RHEAL JOSEPH G 1820 EVERETT APT 1 MTL BOX 133 MINTO N B	B ENG AM 3
RICHARDS BARBARA JANE 350 BIRCH AVE ST LAMBERT QUE	B SC N 1 OR 1 7741
RICHARDS DAVID WHEELER 2375 WALKLEY AVE APT 4 MONTREAL QUE	B ENG MCH 4
RICHARDS MICHAEL LAURENCE 315 40TH AVE LACHINE QUE	B A 2 ME 7 6856
RICHARDS THOMAS FRANKLIN Y M C A 1441 DRUMMOND ST 324 ROSS AVE SARNIA ONT	B ARCH 3
RICHARDSON BURDETTE JOHN 495 PRINCE ARTHUR APT 27 496 KING ST WEST KINGSTON ONT	B SC 4 VI 5 7393
RICHARDSON DOROTHY S ROYAL VICTORIA COLLEGE 496 KING ST WEST KINGSTON ONT	B A 2 PL 0265
RICHARDSON HENRY WARTMAN MACDONALD COLLEGE 496 KING ST W KINGSTON ONT	EDUCATION 1
RICHARDSON PATRICIA M 6101 COTE ST LUC ROAD APT 409 HAMPSTEAD QUE	PH D 2 HU 8 2292
RICHARDSON WILLIAM N 3455 COTE DES NEIGES RD APT 728 MONTREAL QUE	B ENG 2 WE 5 5567
RICHER CLAUDE LISE 92 BELOEIL AVE OUTREMONT QUE	PARTIAL CR 9 1585
RICHER SIMON 46 MARSOLAIS AVE MTL ALLAN MEMORIAL INSTITUTE 1025 PINE AVE W MONTREAL QUE	MED DIPL 1 CR 9 2377
RICHES MARGARET ANN ROYAL VICTORIA COLLEGE 108 SUMMIT AVE PORT ARTHUR ONT	PHYSIOTH 3 PL 0829
RICHMAN BARRY MARTIN 4635 HARVARD AVE MONTREAL QUE	B COM 4 DE 3901
RICHMOND HARVEY 5550 CAMPDEN PLACE MONTREAL QUE	B A 3 RE 7 3106
RICHSTONE ESTA TORA 4665 CIRCLE ROAD MONTREAL QUE	B A 2 DE 0846
RICHTER MAXWELL 4675 ST KEVIN AVE APT 3 MONTREAL QUE	PH D 4 RE 8 9013
RIDDELL ALBERT BARRY WILSON HALL 293 CANICE ST ORILLIA ONT	B COM 4 RE 0624
RIDDELL ILENE ESTHER 3764 THE BOULEVARD WESTMOUNT QUE	B A 4 DE 7093
RIDDELL JOHN ARCHIBALD 5138 COTE ST ANTOINE MONTREAL QUE	B SC 1 HU 8 3082
RIDDELL LORRAINE W STEWART HALL 157 ST GERMAIN AVE TORONTO ONT	TCH INT 2
RIDDELL MITZI JANE 3764 THE BOULEVARD WESTMOUNT QUE	B A 1 DE 7093
RIDDELL WAYNE KERR 2193 BELGRAVE AVE MTL 635 MAIN ST LACHUTE QUE	MUS B 2 DE 6822
RIECKEN MILLICENT JOYCE 1176 SEYMOUR AVE MTL 606 4TH ST NANAIMO B C	B N 2 WE 5 5345

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
RIEDEMANN ANNA MARIA MACDONALD COLLEGE 3495 MOUNTAIN ST MONTREAL QUE	B SC AGR 4
RIEFFEL JEAN MARC ALAIN WILSON HALL 8H2 R ALMT ALEXANDRINO RIO DE JANEIRO BRASIL	B ENG EL 3 VI 5 1696
RIEGLER NATALIE NITIA 620 PRINCE ARTHUR ST W 156 EVELYN AVE TORONTO ONT	B N 2 VI 9 0739
RIEKMAN GEORGE ALLAN 366 SHERBROOKE ST W APT 12 MTL BOX 8 ROSTHERN SASK	D D S 2
RIFF DONALD RALPH 680 WISEMAN AVE OUTREMONT QUE	B SC 2 CR 2 9468
RIGDON WILSON OLIVER 3581 HUTCHISON ST MONTREAL 18 QUE	MD CM 2 VI 9 5807
RIGHTON LILLIS ETHELYN MACDONALD COLLEGE SWEETSBURG QUE	TCH INT 2
RIGSBY GREGORY URBAN 548 SHERBROOKE W MTL 15 KEATE ST SAN FERNANDO TRINIDAD B W I	B A 2 BE 0551
RILEY ERNEST GERALD 145 8TH AVE ST EUSTACHE SUR LE LAC QUEBEC	B ENG EL 4
RILEY JEREMY MONTEGU 29 RAMEZAY ROAD MONTREAL 6 QUE	B A 1 WE 3 5547
RIMOIN DAVID LAWRENCE 5620 RANDALL AVE COTE ST LUC QUE	MD CM 1 HU 1 0870
RINFRET GUY ROBERT 1610 CALEDONIA ROAD TOWN OF MT ROYAL QUE	B COM 3 RE 7 2705
RINFRET PETER DONALD 1610 CALEDONIA ROAD TOWN OF MT ROYAL QUE	B ENG 2 RE 7 2705
RIOS JUAN ENRIQUE 3205 LINTON AVE APT 1 AV 2A NO 16 91 CUCUTA COLOMBIA S A	B A 1 RE R 7589
RIPLEY BRADLEY LOUELL MACDONALD COLLEGE CHIGNECTO CUMB CO N S	B SC AGR 3
RISEBOROUGH BRIAN EDWARD 82 ROUGEMONT ST LONGUEUIL ANNEX QUE	B ENG 2 OR 4 7162
RISSMAN HARRIET 5067 VAN HORNE AVE MONTREAL QUE	B A 1 RE 3 2844
RITCHIE JAMES MACLEAN G MONTREAL CHILDRENS HOSP 401 DALY AVE APT 1 OTTAWA ONT	MED DIPL 2
RITCHIE MARGVERITE E 110 GLOUCESTER ST APT 20 OTTAWA ONT	L L M 1
RITCHIE VERNA FORD 4780 COTE DES NEIGES MTL 12360 DUCHESS AVE DETROIT 24 MICH U S A	M A 2 RE R 6111
RITCHIE WILLIAM HUBERT MACDONALD COLLEGE HUDSON HEIGHTS QUE	B SC AGR 3
RIVARD MARIE BEATRICE J 3532 LORNE AVE MTL R R 1 STORNOWAY QUE	GR N CERT 1 BE 6752
RIVEN ERIC PHINEAS 2245 MACNEIL ROAD TOWN OF MT ROYAL QUE	B ENG 1 RE R 1938
RIVEST SIMON PIERRE 10779 D AUTEUIL MONTREAL QUE	MED DIPL 2 DU 7 6328
ROACH MARGOT RUTH 1500 SHERBROOKE ST W APT 73 MTL 63 ORANGE ST SAINT JOHN N B	MD CM 3 WE 5 2610
ROACHE KEITH LAWTON MACDONALD COLLEGE 29 GOLF AVE POINTE CLAIRE QUE	B SC AGR 3
ROBB JUDITH GRACE 32 FORDEN AVE WESTMOUNT QUE	B A 1 EL 7437
ROBB MARGARET ROYAL VICTORIA COLLEGE 301 DEVONSHIRE HOUSE RIDEAU TOWERS CALGARY ALTA	B A 4 PL 0495
ROBERGE JACQUES BENOIT P 3200 ST CATHERINE RD MTL PHILIPSBURG QUE	B ENG 2 RE R 0013
ROBERTS DONALD ROSS 7 KILBURN CRESCENT HAMPSTEAD QUE	B ENG 2 DE R902
ROBERTS IRIS MAX 420 HARRIS ST VILLE ST LAURENT QUE	HDICRAFTS 1
ROBERTS KENNETH DAVID 104 COLUMBIA AVE MONTREAL 6 QUE	PH D 2 WE 3 2314
ROBERTS RENE 3609 UNIVERSITY ST MONTREAL QUE	PH D 4 AV R 6307
ROBERTS RONALD MACDONALD COLLEGE 29 GOLF AVE POINTE CLAIRE QUE	B SC AGR 3
ROBERTS WILLIAM STOCKWOOD 475 GROSVENOR AVE MONTREAL QUE	B COM 1 WE 2 8944
ROBERTSON ANNE GORDON 289 TOWER ROAD HALIFAX N S	TCH KIND 1
ROBERTSON DOUGLAS C 427 WOOD AVE MONTREAL QUE	B A 4 WE 2 7934
ROBERTSON DUNCAN CHARLES 3605 MARLOWE AVE MONTREAL QUE	B COM 2 HU 9 3340
ROBERTSON GORDON WALLACE 3508 UNIVERSITY ST MTL COOKSHIRE ST EAST ANGUS QUE	B ENG CH 3 BE 0572
ROBERTSON HUGH STENNETT 3731 JEANNE MANCE MTL 29 EASTERN MAIN ROAD TUNAPUNA TRINIDAD B W I	B SC 4
ROBERTSON JAMES COLLETT 4541 OXFORD AVE N D G MONTREAL QUE	B ENG 1 EL 2655
ROBERTSON JEAN CATHERINE 533 ALGONQUIN AVE TOWN OF MT ROYAL QUE	B SC P ED 1 RE R 7413
ROBERTSON MACGREGOR N 27 PICARDY ROAD BAIE D URFEE P O BOX 538 NASSAU BAHAMAS	B SC 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ROBERTSON MARGARET JANE 1410 REDPATH CRESCENT MONTREAL	B A 3 PL 7049
ROBERTSON MARGARET M 2162 SHERBROOKE ST W MTL 214 KEYWORTH AVE OTTAWA ONT	B SC 2 WE 3 4930
ROBERTSON ROBERTA MARIE ROYAL VICTORIA COLLEGE 108 GRENFELL BLVD WINNIPEG 9 MANITOBA	B A 1
ROBERTSON STEWART JAMES MACDONALD COLLEGE R R 3 LACHUTE QUE	AG AD DIP 1
ROBERTSON TAUN MAXWELL 32 BRUNET AVE POINTE CLAIRE QUE	B SC 3 OX 5 4440
ROBIC JOHN MARC 49 HAZELWOOD AVE OUTREMONT QUE	B ENG MI 5 RE 8 3143
ROBICHAUD SANFORD DAVID J 3558 JEANNE MANCE ST MTL 29 HARPERS LANE MONCTON N B	B ENG CIV 3 AV 8 5668
ROBINSON ALLAN 4585 SHERBROOKE ST W MONTREAL QUE	B SC 2 WE 5 0217
ROBINSON ALLAN HOBEN 66 THURLOW ROAD HAMPSTEAD QUE	B ENG 2 DE 5361
ROBINSON CARMEN 4897 BORDEN AVE MONTREAL QUE	M SC 1 EL 8347
ROBINSON ERIC WILFRID 50 UPPER CANADA DR APT U 103 WILLOWDALE ONT	M A 2
ROBINSON GEOFFREY LYLE DOUGLAS HALL 248 ROSSINI BLVD WINDSOR ONT	B COM 1
ROBINSON HAROLD ARZINA 4630 WALKLEY AVE APT 16 124 BRIAN AVE R R 5 LONDON ONT	B ENG CH 5 HU 9 6403
ROBINSON JOHN HENRY WELLS 3508 UNIVERSITY ST MTL BOX 23 RUSSELL ONT	B D 2 VI 5 4873
ROBINSON JOHN JAMES 3519 BORDEAUX BEECHGROVE QUE	B ENG MCH 4 LA 1 4755
ROBINSON KENNETH G BOX 334 MACDONALD COLLEGE	B SC AGR 3
ROBINSON MIRIAM PHYLLIS 16 SHORNCLIFFE WESTMOUNT QUE	M A 1 DE 6206
ROBINSON SHEILA ANN MACDONALD COLLEGE P O BOX 245 WATERVILLE QUE	TCH ELEM 1
ROBISON RAY WILLIS 1470 CLOSSE ST MTL P O BOX 133 SAXONVILLE MASS U S A	M SC 1 WE 2 2904
ROBOTHAM HENRY ALVEREZ 3433 HUTCHISON ST MTL 30 LADY MUSGRAVE ROAD HALF WAY TREE P O JAMAICA B W I	B COM 2 AV 8 4790
ROBSON HUGH GISLI 116 CORNWALL AVE MONTREAL 16 QUE	MD CM 2 RE 7 9090
ROBSON JACK DOUGLAS MACDONALD COLLEGE 633 SECOND ST S MONTREAL QUE	B SC P ED 1
ROCH EDWARD ADRIAN E 2030 MCGILL COLLEGE AVE 4 SEYMOUR ST LONDON W 1 ENGLAND	B ENG 1 AV 8 7337
ROCHEFORT GUY J 5055 BESSBOROUGH N D G MONTREAL QUE	PH D 3 DE 7630
ROCHEMONT JAMES ARTHUR 1228 CRESCENT ST APT 8 MONTREAL QUE	B SC 1 UN 6 9267
ROCHESTER DAINE ROSS 4216 DORCHESTER ST MTL 529 RICHMOND ROAD OTTAWA ONT	B COM 3
ROCHESTER JUDITH ANN ROYAL VICTORIA COLLEGE 1208 LAKESHORE HGY E OAKVILLE ONT	B SC P ED 4 PL 0180
ROCHETTE DENIS WILFRID 100 GRAHAM BLVD MTL P O BOX 534 KAPUSKASING ONT	B ENG 2 RE 7 7539
ROCHMAN ROSE PAULINE 705 UPPER LANSDOWNE AVE WESTMOUNT QUE	B SC P ED 4 EL 6643
ROCHON GILLES 4604 MARQUETTE ST MONTREAL QUE	B ENG 1 LA 6 6346
ROCK GEORGE 456 PINE AVE W APT A MTL 484 MILLWOOD ROAD TORONTO 7 ONT	B ENG CIV 4 VI 9 7268
ROCKINGHAM AUDREY V ROYAL VICTORIA COLLEGE CAMP PETAWAWA ONT	B A 4 PL 0180
ROCKINGHAM JOHN ROBERT M DOUGLAS HALL 156 MOREVIL WOOD BLVD CAMP PETAWAWA ONT	B ENG 2
RODEN BARRY JAMES 845 51ST AVE LACHINE QUE	B ENG 1 ME 7 1019
RODGER DAVID SEYMOUR WILSON HALL P O BOX 1350 COWANSVILLE QUE	B SC 3 RE 0624
RODGER JOAN INNES 4454 MARCIL AVE MONTREAL QUE	B A 2 EL 0414
RODNEY EDDIE 663 VICTORIA AVE WESTMOUNT QUE	B A 2 HU 1 3175
RODRIGUEZ EDGARD 602 GROSVENOR AVE WESTMOUNT QUE	B ENG 1 HU 8 8481
RODRIGUEZ ROBERT PERCY 3345 HUTCHISON ST MTL WARDEN S OFFICE SANDE GRANDE TRINIDAD B W I	D D S 2
RODZIEWICZ HELEN E 3445 MARLOWE AVE MONTREAL QUE	B SC 1 HU 8 5224
ROE CHARLOTTE FRANCES ROYAL VICTORIA COLLEGE 44A MONTEE STE MARIE STE ANNE DE BELLEVUE QUE	B SC 3 PL 0147
ROESSLER STEVEN ROBERT 1490 BISHOP ST APT 9 MONTREAL QUE	B ENG EL 4 VI 5 1542

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ROGER RAYMOND 40 JOGUES ST HULL QUE	B C L 4
ROGERS ALFRED ALLISON 731 ROCKLAND AVE MONTREAL 8 QUE	PH D 2 CR 2 4904
ROGERS CLAYTON ERNEST 273 STRATHMORE BLVD MONTREAL QUE	B ENG 2 ME 1 6167
ROGERS DAVID HANDLEY 3473 UNIVERSITY ST MONTREAL 2 QUE	B D 1
ROGERS GORDON HARTT 1551 ST MARK ST MTL 322 MAPLE AVE PEMBROKE ONT	B COM 1
ROGERS JANET LOUISE ROYAL VICTORIA COLLEGE 12 WATER ST CHARLOTTETOWN P E I	PHYSIOTH 2 PL 0147
ROGERS JOHN FRANCIS 2140 PRUDHOMME AVE MONTREAL QUE	B ENG CH 4 EL 9917
ROGERS MARIELLE 5519 SILVERSON ROAD COTE ST LUC MONTREAL QUE	TCH ELEM 1 HU 9 1864
ROGERS ROBERTA ANN 210 CARLYLE AVE MONTREAL 16 QUE	PHYSIOTH 2 RE 8 3681
ROGERS THOMAS ARTHUR 39 THURLOW ROAD HAMPSTEAD QUE	B A 2 DE 0206
ROGERS THOMAS FRANKLIN 24 HILLCREST AVE LAKESIDE QUE	B ENG COM 5 OX 5 4538
ROGG WILLIAM 5020 ST KEVIN AVE MONTREAL QUE	B C L 1 RE 7 4345
ROHT JAANUS BOX 55 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 1
ROITER HOWARD 5670 DUROCHER AVE OUTREMONT QUE	B SC 2 CR 6 2328
ROLAND JOHN MURRAY M 38 MELBOURNE AVE TOWN OF MT ROYAL QUE	B ENG CH 3 RE 3 6851
ROLAND NANCY ELIZABETH 38 MELBOURNE AVE TOWN OF MT ROYAL QUE	B SC 2 RE 3 6851
ROLF PETER 12006 LAVIGNE ST MONTREAL 9 QUE	B ENG 1 RI 4 3376
ROLFE FREDERIC F N 3741 BASSET ST MTL R R 1 ST PHILIPPE ARGENTEUIL CO QUE	B ENG PHY 3
ROLLIT CHARLOTTE E L B 2156 SHERBROOKE ST W MONTREAL QUE	B A 1 WE 7 1671
ROMAN OLGA 5280 COOLBROOK ST MTL 46 LEBEL AVE KIRKLAND LAKE ONT	B N 2 EL 3576
ROMANO ALAIN HARWOOD 2469 MARIETTE AVE N D G MONTREAL QUE	B ENG CIV 5 DE 3475
ROMANOWSKI EVA MARIE 2287 OLD ORCHARD AVE MONTREAL QUE	B A 1 HU 9 4761
ROMANOWSKI JACEK IGNACY 4302 CARLTON AVE MONTREAL QUE	B A 3
ROMEGIALLI ANGELA JOYCE ROYAL VICTORIA COLLEGE KEYSTONE R R 1 BROCKVILLE ONT	B A 2 PL 0334
ROMERIL PAUL ERIC A 3425 RIDGEWOOD AVE APT 101 MONTREAL QUE	M A 1
RONALD KEITH INST OF PARASITOLOGY MACDONALD COLLEGE GRINDSTONE MAGDALEN ISLANDS	PH D 3
ROOD SUZANNE LOUISE MACDONALD COLLEGE 382 44TH AVE LACHINE QUE	TCH INT 1
ROONEY MARGARET AGNES ROYAL VICTORIA COLLEGE 1007 MANAWAGONISH RD LANCASTER N B	PHYSIOTH 2 PL 0847
ROPER AUDREY MARGARET 394 ROSLYN AVE WESTMOUNT QUE	H A 3 WE 7 1230
ROPER PETER DIGBY L 4819 GRAND BLVD MONTREAL QUE	PH D 2 HU 8 0462
ROSALES JOSE KACALO 1641 LINCOLN AVE MTL 171 J RUIZ SAN JUAN RIZAC PHILIPPINES	MED DIPL 3 WE 2 6003
ROSE MARGARET ANN 38 BRUNET AVE POINTE CLAIRE QUE	TCH INT 1 OX 5 4470
ROSEMAN FRANK 951 DAVAAR AVE OUTREMONT QUE	CR 6 9844
ROSEMAN NORMA 7549 OUTREMONT AVE MONTREAL QUE	TCH ELEM 1
ROSEN BEVERLEY ANN ROYAL VICTORIA COLLEGE 14112 98TH AVE EDMONTON ALTA	B A 3 PL 0334
ROSEN CARL 6325 SOMERLED AVE APT 102 MONTREAL QUE	B C L 1 HU 9 4653
ROSEN JACK SAUL 732 DAVAAR AVE OUTREMONT QUE	B SC 2 CR 1 9380
ROSEN KAY RUTH 8608 BIRNAM AVE MONTREAL QUE	B A 1 CR 6 4883
ROSENBAUM ARTHUR HOWARD 4511 MELROSE AVE MONTREAL QUE	B A 4 HU 1 9716
ROSENBAUM BARBARA JOAN 50 ABERDEEN AVE WESTMOUNT QUE	B A 2 HU 1 9023
ROSENBERG GEORGE A I 2372 WILSON AVE APT 29 MONTREAL QUE	B C L 1 EL 8852
ROSENBERG GOLDA REVA 19 GARDEN CITY STE ANNE DE BELLEVUE QUE 6010 COTE ST LUC APT 305 MONTREAL QUE	TCH ELEM 1
ROSENBERG IRENE 5140 GRAND BLVD MONTREAL QUE	B A 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
ROSENBERGER JOHN WEAVER 3650 ST FAMILLE ST MTL 20200 NORTH PARK BLVD SHAKER HEIGHTS OHIO U S A	VI 9 8775	MD CM 2
ROSENFELD ROBERT JOSEPH 5422 MONTCLAIR AVE MONTREAL QUE	DE 2341	B SC 3
ROSENGARTEN SHARON 5604 ROBINSON AVE MONTREAL 29 QUE	EL 4656	B A 3
ROSENOFF STEVE 4604 HAMPTON AVE MONTREAL QUE	EL 9468	B A 1
ROSENSTEIN IRVING 5227 GRENIER AVE MONTREAL QUE	HU 8 7705	B ENG 1
ROSENSTEIN LORNA 6080 WILDERTON AVE MONTREAL QUE	RE 7 3953	B A 1
ROSENSTEIN MARK MENDEL 5003 LACOMBE AVE MONTREAL QUE	RE 8 1606	B A 2
ROSENSTEIN MERVYN NORMAN 4690 BOUCHETTE MONTREAL QUE	RE 7 7934	B A 2
ROSENSWEIG SIDNEY 929 DAVAAR AVE OUTREMONT QUE	CR 2 9859	B COM 1
ROSENTHAL PERRY 6206 NORTHCREST PLACE APT 11 MONTREAL QUE	RE 3 0771	MD CM 4
ROSENWALD DAVID 3275 GOYER ST APT 6 MONTREAL 26 QUE	RE 1 5710	B SC 4
ROSENZNEIG HENIA 6099 DUROCHER AVE MONTREAL QUE	PARTIAL CR 9 2439	
ROSEVEAR MARY ELEANOR 207 MORRISON AVE TOWN OF MT ROYAL QUE	RE 8 1720	B A 2
ROSKIES ETHEL 5880 DOLBEAU ST MONTREAL QUE	RE 3 9836	M A 1
ROSKIES RALPH ZVI 571 GROSVENOR AVE WESTMOUNT QUE	DE 4428	B SC 1
ROSMAN BRYNA 5492 MCLYNN AVE MONTREAL QUE	RE 8 7347	B A 3
ROSMAN MICHAEL ALEXANDER 3851 UNIVERSITY ST MTL 680 ISLAND PARK DRIVE OTTAWA ONT	RE 0977	B SC 2
ROSMAN NORMAN PAUL 406 PINE AVE W APT 11 680 ISLAND PARK DRIVE OTTAWA ONT	PL 2002	MD CM 3
ROSENFELD ZEEV 5232 KING EDWARD AVE MONTREAL QUE	HU 8 8783	M A 1
ROSMARIN LEONARD AARON 509 OUTREMONT AVE MONTREAL QUE	CR 2 8306	B A 3
ROSNOSKI VERNON JAMES 1458 MACKAY ST MONTREAL QUE	WE 5 3759	D D S 3
ROSS AGNES DIANA DOROTHY BOX 950 MACDONALD COLLEGE 2120 ST JOSEPH ST LACHINE QUE	TCH INT	2
ROSS ALAN DAVISON 657 LANSDOWNE AVE WESTMOUNT QUE	EL 0807	A ENG CIV 3
ROSS COLIN MACKAY D 3444 MONTROSE AVE WESTMOUNT QUE	WE 2 9856	B SC 4
ROSS MERILYN NICHOLS 544 GROSVENOR AVE MONTREAL QUE	WE 7 1277	B SC 3
ROSS MICHAEL JAMES S 20578 LAKESHORE ROAD BAIE D URFE QUE		B ENG 2
ROSS PAUL 5609 RANDALL AVE COTE ST LUC QUE	HU 1 1336	B A 1
ROSS RALPH GERALD 3660 LORNE CRES APT 15 41 COOPER ST OTTAWA ONT	BE 6518	B ENG MCH 5
ROSS SHELDON MACDONALD COLLEGE 140 BLENHEIM DRIVE ROCKCLIFFE PARK OTTAWA ONT		A SC H EC 3
ROSS SIMONE DENISE ROYAL VICTORIA COLLEGE 80 A AVENUE NORANDA QUE		B A 2
ROSS WILLIAM GILLIES 3660 DUROCHER ST MTL 41 COOPER ST OTTAWA ONT	BE 3814	M A 1
ROSS SMITH DENSON GEORGE 2955 KIRKFIELD AVE MONTREAL 16 QUE	RE 7 0681	A ENG 1
ROSSETTI JOAN 5045 MACDONALD AVE MONTREAL QUE	HU 9 5985	PHYSIOTH 3
ROSSMAN HOWARD SAMUEL 3483 PEEL ST MTL 24 HOWARD AVE PASSAIC N J U S A	PL 0882	B ENG 2
ROTENBERG ITA 7260 DUROCHER ST APT 4 MONTREAL QUE	CR 8 8782	B L S 1
ROTH BARBARA 4843 VICTORIA AVE MONTREAL QUE	EL 7586	TCH INT 1
ROTH CHARLES 2515 VAN HORNE AVE MONTREAL QUE	RE 3 4821	B ENG 1
ROTHER BEVERLEY ANNE 16 KENT AVE STE ANNE DE BELLEVUE QUE 5580 BEAMINSTER PLACE MONTREAL QUE		TCH ELEM 1
ROTHER JAMES 4393 HARVARD AVE MONTREAL QUE	EL 3160	B A 1
ROTHMAN ARTHUR 4808 MADISON AVE MONTREAL QUE	HU 1 3464	B SC 3
ROTHMAN HOWARD SYDNEY 5360 COTE ST LUC ROAD APT 11 MONTREAL QUE	HU 8 5164	A ENG CIV 5
ROTHMAN JACOB LAWRENCE 6434 CLANRANALD AVE MONTREAL QUE	RE 8 7090	B C L 1
ROTHMAN RENEE ARLENE 780 LEXINGTON AVE WESTMOUNT QUE	DE 1347	B A 3
ROTSSTEIN AARON 7835 DE L EPEE AVE MONTREAL QUE	CR 6 9641	B SC 2
ROTSZYLD IRENE 651 QUERBES AVE OUTREMONT QUE	CR 2 1282	B A 2

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ROULEAU JOSEPH LOUIS S R144 LAJEUNESSE MTL 128 AUBIN ST MONT JOLI QUE	B ENG 1 CR 2 5600
ROUNTREE SEDDON VIBERT 706 43RD AVE LACHINE QUE	B L S 1
ROURKE BRIAN CHARLES 5500 QUEEN MARY RD MONTREAL QUE	B COM 4 HU 1 4232
ROUSSEAU FERNAND 3417 SHUTER ST MTL ST ANTOINE DE TILLY LOTBINIERE COUNTY QUE	B. ENG EL 5 BE 8526
ROUSSEAU JEAN JACQUES 475 PINE AVE W MTL 11A SWALLOWFIELD RD CROSS ROADS JAMAICA B W I	B COM 3 BE 4270
ROUSSEAU LUCIEN 2771 CADILLAC MONTREAL QUE	MED DIPL 1 CL 9 4371
ROUTLEDGE THOMAS C 1610 DUCHARME AVE MONTREAL 8 QUE	B ENG 2 CR 7 0194
ROUTTENBERG ARYEH SAMUEL WILSON HALL 54 BROADWAY ROCKVILLE CENTRE NEW YORK U S A	B A 1 RE 0624
ROWE EDWARD GEORGE PETER 3851 UNIVERSITY ST MTL 14 LAMONT CRESCENT REGINA SASK	B SC 4 AV R 0960
ROWE KERRY CHRISTOPHER 22 TUNSTALL AVE SENNEVILLE QUE	B ENG 1
ROWLES DOROTHY 4868 COTE DES NEIGES RD SHELLBROOK SASK	B N 2 RE R 6026
ROY CHANDANA 5580 BRADFORD PLACE MONTREAL 26 QUE	B SC 3 RE 3 9513
ROY CHARLES AUGUSTE 3665 LORNE CRESCENT MTL 121 RUE DES OBLATS MONT JOLI QUE	B ENG 2
ROY CHITRA 5580 BRADFORD PLACE MONTREAL 26 QUE	M SC 1 RE 3 9513
ROY JOHN MINTY 70 LAGACE AVE MONTREAL 33 QUE	B ENG 2 ME 1 8147
ROY RODERICK ORMISTON 1050 MOUNT ROYAL BLVD OUTREMONT QUE	B SC P ED 4 CR 1 7711
ROY ROLAND 4841 LACOMBE ST MONTREAL QUE	B ENG EL 3 RE R 5184
ROY SHEILA MCCUAIG 1050 MOUNT ROYAL BLVD OUTREMONT QUE	B SC P ED 4 CR 1 7711
ROY YVON MARC JOSEPH 300 SHERBROOKE ST W MTL 100 LAVAL LAKE MEGANTIC QUE	B ENG MET 5 PL 0590
ROZEN MARCEL 5135 PARK AVE APT 9 MONTREAL QUE	B ENG CH 3 CR 4 4725
ROZYCKI SOPHIE TERESA 414 PRINCE ARTHUR ST APT 2 MTL 21 EASSON AVE TORONTO 3 ONT	D D S 1 AV R 2708
RUBENSTEIN LEONARD 1371 PINE AVE W MTL 1R THE RIDGEWAY N W 11 LONDON ENGLAND	B ENG 2 VI 5 0529
RUBIN BEVERLY SUE 3805 LINTON AVE APT 4 MONTREAL QUE	TCH ELEM 1 RE 7 2283
RUBIN GERALD MARK 988 PRATT AVE MONTREAL 8 QUE	B C L 2 RE 7 0233
RUBIN JOSEPH WILLIAM 10 ROSEMOUNT AVE WSTMT 131 TRUDEAU BLVD BEAUHARNOIS QUE	B SC 1 WE 5 6870
RUBIN PHYLLIS NAOMI 69 SPRINGGROVE CRESCENT OUTREMONT QUE	B A 4 CR 6 4640
RUBINGER MORTON 5692 CLANRANALD AVE MONTREAL QUE	B ARCH 6 RE 3 7980
RUCKER LEON 4884 HUTCHISON S MONTREAL QUE	B ENG CH 4 CR 7 4600
RUDICK MYRNA 852 DUNLOP AVE OUTREMONT QUE	PHYSIOTH 3 RE 3 3838
RUDY GERALD 790 BLOOMFIELD AVE OUTREMONT QUE	B SC 1 CR 7 7597
RUEDY SUSETTE CHRISTINE ROYAL VICTORIA COLLEGE 321 CLOVERDALE RD OTTAWA ONT	B SC 4 PL 0477
RUFFO JOHN JOS 9110 DIRVAL MONTREAL QUE	B COM 3 DU 9 1159
RUMANEK JAY 1905 ST GERMAIN BLVD VILLE ST LAURENT QUE	B A 3 RI 7 7273
RUMSCHEIDT FRITZ D 34 GOLF AVE POINTE CLAIRE QUE	PH D 2 OX 5 3414
RUMSCHEIDT HANS MARTIN 34 GOLF AVE POINTE CLAIRE QUE	B A 4 OX 5 3414
RUMSEY BERNARD FRANCIS 215 DES BOIS CRESCENT ROSEMERE R GOLF AVE ST JOHNS NFLD	B ENG PWR 5 TA 7 4135
RUMSEY ELIZABETH IRENE 4535 DRAPER AVE MONTREAL QUE	B N 2 EL 7597
RUMSEY ROBERT WILLIAM A 757 CREVIER ST VILLE ST LAURENT QUE	B ENG 1 RI 7 4103
RUNGE EDWARD PAUL 50 SELKIRK AVE HUDSON QUE	B COM 1
RUNGE LORNE ARTHUR 50 SELKIRK AVE HUDSON QUE	B ENG 1
RUSHBROOK JAMES SIDNEY 3R WICKSTEED AVE TOWN OF MT ROYAL QUE	B ENG 2 RE R 3741
RUSK TOMMY NORMAN 5054 GLENCAIRN AVE MONTREAL 6 QUE	B SC 4 EL 9529
RUSS MALCOLM JOSEPH 128 STRATHCONA DRIVE TOWN OF MT ROYAL QUE	B ENG PHY 4 RE 3 4181
RUSSEL COLIN STEVENS 4845 WESTMOUNT AVE WESTMOUNT QUE	B ENG 1 EL 4247

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
RUSSELL DORIS MITCHELL F 41 DUFFERIN ROAD MONTREAL 29 QUE	B L S 1 EL 4088
RUSSELL GAIL JOANNE ROYAL VICTORIA COLLEGE BOX 984 BRIDGEWATER N S	PHYSIOTH 1 VI 9 0030
RUSSELL PAMELA MARGARET 521 PRINCE ARTHUR ST W APT 9 MONTREAL QUE	M SC 1 VI 9 0170
RUSSELL PAUL LEWIS 3611 HUTCHISON ST MTL PINPACK ROAD RIDGEFIELD CONN U S A	MD CM 2 BE 0879
RUSSO EMILE JOSEPH 6963 DE ST VALLIER ST MONTREAL QUE	B ENG 2
RUTENBERG CAROL 4885 QUEEN MARY ROAD MONTREAL QUE	PHYSIOTH 3 RE 7 5856
RUTENBERG DAVID SOLOMON 4576 DRAPER AVE N D G MONTREAL QUE	B ENG MCH 3 HU 1 6074
RUTENBERG LAWRENCE ALLAN 4576 DRAPER AVE N D G MONTREAL QUE	B ENG 1 HU 1 6074
RUTHERFORD DOUGLAS ALBERT 1825 FILION AVE VILLE ST LAURENT QUE	B ENG 1 RI 7 2038
RUTHERFORD JANET GLYNNE 4322 MONTROSE AVE WESTMOUNT QUE	B A 2 WE 3 4126
RUTHERFORD PETER JOHN 7465 OUTREMONT AVE MONTREAL QUE	B SC 2 CR 1 9518
RYAN FRANCIS DONALD APT A4 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	D D S 3
RYAN FRANCIS PAUL DOUGLAS HALL CHURCH ST CHATEAUGAY N Y U S A	MD CM 1
RYANT JOSEPH CHARLES 3735 CARLTON AVE APT 1 MONTREAL QUE	M A 1 RE 7 0771
RYDER JOHN ALICK 3509 HUTCHISON ST MTL 2 MOOREHILL DRIVE TORONTO 17 ONT	B SC 3 BE 5601
RYKLES LILLIAN 2177 GOYER ST MONTREAL QUE	B SC 1 RE 3 7398
RYLANDER JOHN DONALD 397 MERCILLE AVE ST LAMBERT QUE	B SC 1 OR 1 8332
RYMER SHEILA MARGARET 1592 PINE AVE ST W MTL 150 TAMARACK ST TIMMINS ONT	B N 2

S

SAARNI IVO 1487 MOUNTAIN ST APT 14 61 ADELAIDE ST SAULT STE MARIE ONT	R ENG CH 3
SABA ALBERT HADDAD 490 PRINCE ARTHUR ST W APT 2 MTL 5220 RIVERTON AVE NORTH HOLLYWOOD CALIF U S A	D D S 2 VI 9 8445
SABLOFF LEONARD I 3045 BRIGHTON AVE MONTREAL 26 QUE	B A 4 RE 8 4847
SACHS MORTON 4895 KENT AVE MONTREAL QUE	B COM 1
SADEET MAJEED MACDONALD COLLEGE PREYSAL VILLAGE CORIVA TRINIDAD B W I	B SC AGR 1
SADLER ALBERT CORNEIL 25 KILBURN CRESCENT HAMPSTEAD QUE	B ENG MCH 5 HU 1 2921
SAFDIE MORRIS 1940 CLINTON AVE MONTREAL QUE	B ARCH 2 RE 3 8932
SAFFORD SPENCER PETER 4293 MONTROSE AVE WESTMOUNT QUE	B ENG CIV 5 WE 3 7277
SAGER ROSS BEDFORD MACDONALD COLLEGE R R 1 ST GEORGE ONT	B SC AGR 2
SAGI GYULA GEORGE 5660 PARK AVE APT 11 MONTREAL QUE	B ENG EL 3 CR 9 6607
SAHAROV ALEXANDER 2211 MAPLEWOOD AVE APT 1 MONTREAL QUE	B ENG CIV 5 RE 1 6045
SAIBIL MYRNA 1201 ST VIATEUR AVE MONTREAL QUE	B A 1 CR 1 2086
SAINTE MARIE GUY 3660 HUTCHISON ST MONTREAL QUE	PH D 2 VI 9 6617
SALAMA PIERA ESTHER M MACDONALD COLLEGE C O RONALD RIBACE 4930 MAPLEWOOD AVE APT 6 MONTREAL QUE	HOMEMAKER 1
SALAMAT ALI HAROON 1001 SHERBROOKE ST W MTL BARRACKPORE TRINIDAD B W I	B SC 3 BE 0811
SALAMIS MARIKA 3548 JEANNE MANCE ST MONTREAL QUE	B A 2 AV 8 7587
SALAS HERNANDEZ PEDRO J 3408 DUROCHER ST APT 4 AVENIDA FERNANDO PENALVER QUINTA CARACAS VENEZUELA	B ENG 1
SALEH ALFRED ABDULLAH 3325 VAN HORNE AVE APT 12 MONTREAL QUE	B ENG CH 3 RE 7 4974
SALEH GEORGE ALBERT 420 COTE DE LIESSE TOWN OF MT ROYAL QUE	D D S 1 RE 3 1937
SALEH HAROLD HISKEL 3490 KENT AVE MONTREAL QUE	B ENG CH 4
SALGADO ISIDRO DIEZ ROYAL VICTORIA HOSP MONTREAL QUE	MED DIPL 1
SALHANY ROGER ELIAS 481 PRINCE ARTHUR ST MTL 11 4TH STREET EAST CORNWALL ONT	B A 4 AV 8 7773
SALISBURY SONIA ROSAMOND 3638 LORNE CRESCENT MONTREAL QUE	MD CM 3 PL 6052

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SALMOIRAGHI GIAN CARLO 4855 WALKLEY AVE MTL C O MR P AKRABOFF 350 E 276TH ST CLEVELAND 32 OHIO U S A	PH D 3 HU 9 1128
SALOMON ALLAN 4851 COTE ST LUC ROAD APT 210 MONTREAL QUE	B COM 2 DE 2432
SALOMON MYRABEL 4855 JEAN BRILLANT MONTREAL QUE	B A 1 RE 7 2359
SAMAD SYED ABDUS 1217 MOUNTAIN ST ROOM 10 ELAHI KUTHI DILU ROAD RAMNA DACCA PAKISTAN	PH D 1
SAMAROO WINSTON RANDOLPH 3484 HUTCHISON ST MTL 12 A GORDON ST SAN FERNANDO TRINIDAD B W I	B ENG EL 4 AV 8 2555
SAMPLE NORRIS EARLE MACDONALD COLLEGE HEMMINGFORD QUE	B SC AGR 3
SAMUELS ELLIOT MARK 5849 TRANSISLAND MONTREAL 29 QUE	B A 1 RE 7 1392
SAMUELS ERIC ROYSTON BOX 98 MACDONALD COLLEGE STONY HILL JAMAICA B W I	B SC AGR 4
SAMUELS NORMAN 921 HARTLAND AVE OUTREMONT QUE	B A 4 RE 7 0733
SANDER KAI 1615 ED LAURIN BLVD APT 6 ST LAURENT QUE	B SC 2 RI 7 7848
SANDERSON JOAN 146 SIMCOE AVE TOWN OF MT ROYAL QUE	B SC P ED 4 RE 8 8048
SANDERSON MARY JANE MACDONALD COLLEGE 4 EDGEHILL ROAD TORONTO 18 ONT	B SC P ED 1
SANDLER HELENA 1921 BARCLAY AVE COTE DES NEIGES MONTREAL QUE	MUS B 1 RE 3 0277
SANDLER MELVYN 450 HARRIS ST ST LAMBERT QUE	B SC 1 RI 4 5060
SANDOVAL HENRY 3510 LORNE AVE APT 6 323 LYON AVE SANTIAGO DE CHILE	M A 1 BE 7671
SANDSTA FINN 3535 SHUTER ST MTL ODDA NORWAY	B A 4 BE 0841
SANDZELIUS JAN ALLAN T 224 METCALFE AVE WESTMOUNT QUE	M ENG 2 WE 2 0280
SANDZIERZ ARKADY ALOJZY S 8100 SHERBROOKE ST E MONTREAL 5 QUE	PH D 1 CL 9 4829
SANFORD BEVERLY JOAN ROYAL VICTORIA COLLEGE 727 MAIN ST LACHUTE QUE	PHYSIOTH 1 VI 9 0030
SANG HARRY 4433 ST DOMINIQUE ST MONTREAL QUE	B ENG 1 BE 9676
SANGOWICZ JADWIGA MARIA T 1273 BERNARD AVE MONTREAL QUE	MED DIPL 4
SANGSTER DONALD FREDERICK 3851 UNIVERSITY ST MTL 222 BELVEDERE N SHERBROOKE QUE	B SC 4 BE 0977
SANGSTER JAMES MALCOLM 3506 UNIVERSITY ST MTL 222 BELVEDERE ST N SHERBROOKE QUE	B SC 3 BE 0624
SANGSTER JANE ELIZABETH ROYAL VICTORIA COLLEGE ROUTE 1 BOX 63 BOYDS MARYLAND U S A	B A 1 PL 0597
SANKEY JOHN DOUGLAS Y M C A 1441 DRUMMOND ST 46 SOUTH DRIVE ST CATHARINES ONT	B ENG 2
SANKEY LLOYD PHILIP 5969 5TH AVE MONTREAL 36 QUE	B ARCH 6 RA 1 6967
SANKOFF GARY SEYMOUR 5752 WILDERTON AVE MONTREAL QUE	D D S 1 RE 7 5458
SANSFACON LISE 569 LIEGE MONTREAL QUE	MUS B 1 DU 8 0972
SANTANA DOMINIC ANTHONY 621 PRINCE ARTHUR APT 4 678 QUEEN ST W SAULT STE MARIE ONT	D D S 3 AV 8 8818
SANTERRE JACQUELIN STE ANNE DE LA POCATIERE CTE DE KAMOURASKA QUE	M SC 2
SANTRY DALLAS CECIL 121 ALLION ST VILLE LA SALLE 81 BAYFIELD ST CHARLOTTETOWN P E I	PH D 4
SARASIN ANDRE OSCAR 300 SHERBROOKE ST W MTL 1051 WOLFE ST TROIS RIVIERES QUE	B ENG EL 4
SARRASIN ROBERT 47 DANTE ST MONTREAL QUE	B SC 3 CR 1 6125
SATER GEOFFREY SEVRIN 1000 MCGREGOR ST APT 302 MONTREAL QUE	M SC 2
SAUCY MICHAEL ANDRE 410 SHERBROOKE ST W APT 7 MONTREAL QUE	B SC 4 VI 5 3020
SAUNDERS IVAN GLEN 3640 DUROCHER ST APT 6 BRYSON QUE	B ENG 2
SAUNDERS JOHN EDWARD 4191 HARVARD AVE MONTREAL 28 QUE	TCH INT 1 HU 1 7982
SAUNDERS RODERICK DAVID 6325 SOMERLED AVE MONTREAL 29 QUE	B ENG 1 HU 8 4237
SAUVE-BERNARD THOMAS 641 LOGAN ST ST LAMBERT QUE	B ENG CIV 3 OR 1 7533
SAUVE ROBERT RAYMOND J 614 NOTRE DAME AVE ST LAMBERT QUE	B ENG MCH 5 OR 1 9788
SAVAGE JANET CASSILS 657 MURRAY HILL AVE WESTMOUNT QUE	B A 1 HU 1 1572
SAVAGE STUART BLACKTON 2558 SHERBROOKE ST W MTL MCCONNELL AVE BAYPORT N Y U S A	B ENG MCH 3
SAVARD FRANCOISE 1575 EAST ST JOSEPH BLVD MONTREAL QUE	PARTIAL LA 2 8592

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SAVARD PAUL HENRY 5225 26TH AVE MONTREAL 36 QUE	B ENG CIV 5 RA 1 0143
SAVARIA GASTON ST BASILE LE GRAND COMTE CHAMBLY QUE	B ENG 2
SAVFTT MARSHALL LEONARD 4255 DUPUIS AVE APT 18 6 FERRIS AVE UTICA N Y U S A	D D S 3 RE H 9919
SAVIDANT SIDNEY JAMES 3508 UNIVERSITY ST MTL 583 COMMERCIAL ST LA TUQUE QUE	B ENG MET 4 BE 0752
SAWCHUK RAYMOND LEONARD S 24 PINE CIRCLE RCAF STN ST HUBERT 319 COLUMBUS AVE OTTAWA 2 ONT	B ENG EL 3
SAWYER DOREEN ISLAY 3585 ADDINGTON ST N D G MONTREAL QUE	GR N CERT 1 HU H 5124
SAXE BRIAN MITCHELL 5228 BYRON AVE MONTREAL QUE	B SC 2 HU 1 9570
SCARVELIS E BASIL 490 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ENG MCH 3 RE 9 0480
SCHABTACH GRETCHEN ROYAL VICTORIA COLLEGE 118a LOWELL ROAD SCHENECTADY H NEW YORK U S A	B SC 2
SCHADE GERDA HILDEGARD 532A DOLLARD ST VILLE LASALLE QUE	PHYSIOTH 3 DE 0283
SCHAFER GEORGE R 4880 MAYFAIR AVE MONTREAL 29 QUE	B ENG 2 DE 3435
SCHAFFELER PETER MICHAEL DOUGLAS HALL 45 PRINCE ST DRUMMONDVILLE QUE	B COM 2
SCHAFFER ROBERT 5175 WILDERTON CRESCENT MONTREAL QUE	M SC 1 RE 7 5400
SCHAFFER SHIRLEY 1081 ST VIATEUR ST W MONTREAL QUE	B A 2 CR 1 3734
SCHAFFHAUSEN ERIC PLATT DOUGLAS HALL 249 PALISADE AVE DOBBS FERRY NEW YORK U S A	B SC 1
SCHANFIELD FRANCES 4330 LA PELTRIE ST MONTREAL QUE	B A 2
SCHAPIRA FRANK VICTOR 1120 LAJOIE AVE APT 6 OUTREMONT QUE	H COM 1 CR 1 5172
SCHARFE PATRICIA ANN MACDONALD COLLEGE 620 VICTORIA AVE WESTMOUNT QUE	B SC H EC 3
SCHAUHEL EARL VINCENT 219 CLAREMONT DRIVE OTTAWA ONT	B ENG CIV 5
SCHAVO ANTON FLORIAN 7 WEST ST HAWKESBURY ONT	PH D 4
SCHEAR WILLIAM 8450 OUTREMONT AVE MONTREAL 15 QUE	B SC 3 CR 2 2624

NAME ADDRESS	COURSE & YEAR TEL. NO.
SCHECTER ESTELLE ESTHER ROYAL VICTORIA COLLEGE 39 MARK AVE APT 9 EASTVIEW ONT	B A 3 PL 0327
SCHEIER PAUL CARL BOX 34 MACDONALD COLLEGE 5552 BROADWAY LANCASTER N Y U S A	D D S 4
SCHELL LENORE ISOBEL 3474 MCTAVISH ST MTL 10 PRINCE GEORGE DRIVE TORONTO 18 ONT	B N 2 PL 0805
SCHELL MICHAEL GEORGE 47 CHESTERFIELD AVE WESTMOUNT QUE	B COM 2 EL 1953
SCHELLENBERG GISELA G E MACDONALD COLLEGE 544 STE ANGELE THREE RIVERS QUE	TCH ELEM 1
SCHERTENLEIB FRANCIS S 811 DAVAAR AVE APT 10 MONTREAL QUE	B ENG 1 CR 6 4791
SCHERZER MARTIN HUGH 4840 RUE JEAN BRILLANT MONTREAL QUE	B SC 2 RE 8 6416
SCHIECK ROBERT ROSWELL 7 CLIFF ROAD ST CATHARINES ONT	PH D 5
SCHIFF BERNARD BARUCH 8557 MAYRAND ST MONTREAL 16 QUE	B SC 2 RE 1 4569
SCHIFF DAVID 8557 MAYRAND ST MONTREAL 16 QUE	MD CM 1 RE 1 4569
SCHIFF LOUIS 8584 MAYRAND ST MONTREAL 16 QUE	B C L 2 RE 1 5249
SCHIFF SHIRLEY 5590 ESPLANADE AVE MONTREAL QUE	M S W 2 CR 9 9377
SCHINDLER JOHN NORMAN 598 GROSVENOR AVE WESTMOUNT QUE	B SC 2
SCHLAER BARBARA 4833 VICTORIA AVE MONTREAL QUE	B A 1 DE 4733
SCHLESINGER JOSEPH 5437 PARK AVE MONTREAL QUE	B COM 4 CR 7 2971
SCHLESINGER SUSAN NAOMI 4948 ISABELLA AVE MONTREAL QUE	B A 1 RE 1 5288
SCHLIEPER HEINRICH C 1355 CREVIER ST MONTREAL QUE	M A 1 RI 7 8396
SCHMIDEG SUSAN 2033 METCALFE ST APT 9 MONTREAL QUE	GRAD QUAL 4
SCHMIDT JEAN G 1612 RUE PRINCIPALE ST MARTIN CO LAVAL QUE 123 VALAND ST BERLIN WILMERSDORF GERMANY	B ENG CIV 3
SCHMIEDT CIRILL 3539 LORNE AVE MONTREAL QUE	M SC 1
SCHNAIBERG ALLAN 5735 WILDERTON AVE MONTREAL 26 QUE	B SC 2 RE 1 4512
SCHNAIBERG HYMAN LADDIE 4835 MONTCLAIR AVE MONTREAL QUE	B C L 4 DE 7792

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SCHNEIDER HENRY 212 ST JOSEPH BLVD W MONTREAL QUE	PH D 2 CR 2 4783
SCHNELLER STEPHEN GEORGE 3200 GOYER ST MONTREAL QUE	B ENG 2 RE 1 6963
SCHOENAUER NORBERT 3410 KINGSTON AVE APT 44 MONTREAL QUE	M ARCH 1 HU 8 6611
SCHOLTZ DANIEL JACOBUS 5698 SOMERLED AVE N D G MONTREAL QUE	B ENG CIV 3 HU 9 1784
SCHONBRUN ROBERT GARY 258 SHERBROOKE ST MTL 325 MAIN ST ROCKY HILL CONN U S A	D D S 1 VI 9 0714
SCHOPFLOCHER THOMAS FRED 789 UPPER BELMONT AVE WESTMOUNT QUE	B ENG MCH 5 EL 1637
SCHUDT HELEN JEANETTE 32 THORNHILL AVE WESTMOUNT QUE	B A 3 WE 7 2633
SCHULICH SEYMOUR 4501 DECARIE BLVD APT 6 N D G MONTREAL QUE	B ENG 1 HU 1 3951
SCHURMAN DAVID JOHN 71 CLOVERDALE AVE DORVAL QUE	B ENG 1 ME 1 3949
SCHWARTZ ARTHUR MARK 5025 BORDEN AVE MONTREAL QUE	B ENG 2 HU 1 9640
SCHWARTZ BARRY 716 GROSVENOR AVE MONTREAL QUE	B COM 2 DE 8715
SCHWARTZ CARMI 4817 HUTCHISON ST MONTREAL QUE	M S W 1 CR 7 6986
SCHWARTZ CLAIRE BERNICE 45 ST MARIE STE ANNE DE BELLEVUE 5028 MACDONALD AVE MONTREAL QUE	TCH ELEM 1
SCHWARTZ ELLEN 4590 MONTCLAIR AVE MONTREAL QUE	B A 1 EL 1479
SCHWARTZ FAY MYRNA 3100 BRIGHTON MONTREAL QUE	B A 1 RE 3 3057
SCHWARTZ FRED SAUL 814 OUTREMONT AVE OUTREMONT QUE	B SC 1 CR 2 0212
SCHWARTZ GERALD A 838 WISEMAN AVE APT 1 MONTREAL 8 QUE	B COM 4 CR 7 8183
SCHWARTZ HYMAN HARRY 5301 WAVERLY ST MONTREAL QUE	B ENG COM 5 CR 4 3882
SCHWARTZ HYMAN LIPPE 637 QUERBES AVE OUTREMONT QUE	B A 2 CR 7 5312
SCHWARTZ LIONEL 5300 LENNOX AVE APT 402 MONTREAL QUE	B A 2 RE 8 1957
SCHWARTZ MAXINE PHYLISS 4004 VAN HORNE AVE MONTREAL QUE	B A 1 RE 8 7823
SCHWARTZ SARAH JANE ROYAL VICTORIA COLLEGE 147 E 7TH ST OSWEGO NEW YORK U S A	B A 3 PL 0847
SCHWARTZMAN HELAINE 4572 MICHEL BIBAUD ST MONTREAL QUE	B A 2 RE 1 5612
SCHWARZ EVA MARTHA 6 MONTEE ST MARIE STE ANNE DE BELLEVUE 360 PETIT ST VILLE ST LAURENT QUE	TCH ELEM 1
SCHWEITZER AGNES EVA 1537 SUMMERHILL AVE APT 407 MONTREAL QUE	MD CM 3 WE 2 8236
SCHWEITZER ARTHUR CLARE 2154 ADDINGTON AVE N D G MONTREAL QUE	B A 3 EL 0952
SCHWEITZER PAUL ROBERT 1537 SUMMERHILL AVE APT 407 MONTREAL QUE	M A 1 WE 2 8236
SCHWENK AUGUST CHRISTIAN 3524 DUROCHER ST APT 3 MONTREAL QUE	MD CM 2 VI 9 9951
SCOLER MARCUS 5641 CLANRANALD AVE MONTREAL QUE	B ARCH 2 RE 3 0549
SCOTT CHRISTOPHER RICHARD 273 WESTGATE DR R R 1 STE THER DE BLAINVILLE CHALK LANE COTTAGE PARK LANE ASHTEAD SURREY ENGLAND	B A 1
SCOTT EDWARD JOHN RANKIN 1550 MCGREGOR ST MTL 3420 PEEL ST MTL CULKERTON TETBURY GLOS ENGLAND	B A 2 WE 5 0513 PL 7385
SCOTT ELAINE GAIL 688 GROSVENOR AVE WESTMOUNT QUE	B A 2 HU 1 5095
SCOTT HOWARD GEORGE 152 APPIN AVE MONTREAL 16 QUE	B ENG EL 3 RE 8 3774
SCOTT IAN F MACDONALD COLLEGE 160 ST CHARLES AVE DORVAL QUE	B SC AGR 2
SCOTT JAMES BERNARD 1220 BISHOP ST APT 3 MTL 1300 OAK AVE SILLERY QUE	B ENG CH 5
SCOTT JAMES LUTHER 1102 ELGIN TERRACE MONTREAL QUE	B COM 2 RE 1616
SCOTT JOHN GAVIN 6 BRAESIDE PLACE WESTMOUNT QUE	B ARCH 2 WE 2 9614
SCOTT REGINALD Y 44 BOURGOGNE FORT CHAMBLY QUE	B ENG CIV 4 FO 2 7007
SCOTT STEPHEN ALLAN 536 CLARKE AVE WESTMOUNT QUE	B A 1 WE 7 4483
SCOTT VICTOR FITZGERALD 2060 METCALFE ST MTL MOUNT HILL PEMBROKE WEST BERMUDA	B SC 3 VI 5 2200
SCULLY PETER DUNSTAN 17 STRATFORD ROAD HAMPSTEAD QUE	MD CM 1 EL 3202
SEADALE EDWARD HARTLEY APT B 17 MACDONALD COLL 41 MONADNOCK ST DORCHESTER 25 MASS U S A	D D S 2
SEAGRAM CHARLES GEOFFREF 3478 MCTAVISH ST MTL 50 ALBERT ST WATERLOO ONT	B A 3 VI 5 9882

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
SEAGRIM HERBERT JAMES 20562 LAKESHORE ROAD BAIE D URFEE QUE		B ENG 1
SEALE JOANNE MARJORIE 248 PERCIVAL AVE MONTREAL WEST QUE	HU 1 6369	B COM 1
SEALY DOROTHY ELVERE ROYAL VICTORIA COLLEGE C O T E SEALY GLEANER CO LTD KINGSTON JAMAICA B W I	VI 9 0120	B A 2
SEAMAN JOHN WILLIAM MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE		B SC AGR 4
SEBASTIEN LESLIE 2425 MAPLEWOOD AVE APT 7 MONTREAL QUE	RE H 4152	B ENG MCH 3
SEBASTYAN JOSEPH ANDREW 366 WOODLAND AVE VERDUN QUE	PO 7 2877	B ENG COM 5
SEDEROFF SYDNEY B 5282 DE VIMY AVE MONTREAL QUE	RE 7 9807	B C L 3
SEDLAK DANIEL VLADIMIR 7045 BORDEAUX ST MONTREAL QUE	RA H 6327	B ENG CIV 5
SEELY JOHN FREDERICK 366 BELMONT AVE WESTMOUNT QUE	DE 1604	B A 4
SEEMAN PHILIP 2950 BRIGHTON AVE APT 7 MONTREAL QUE	RE 3 2482	MD CM 2
SEFERS VIESTURS 4571 COOLBROOK AVE MONTREAL QUE	DE 8394	B ENG 2
SEGAL ABRAHAM 5147 MONTCLAIR AVE MONTREAL QUE	HU H 0501	B C L 2
SEGAL BENNY 5150 ST URBAIN ST MONTREAL QUE	CR 7 2974	PH D 3
SEGAL CONSTANCE HELEN 4900 ISABELLA AVE MONTREAL QUE	RE 7 H029	M S W 1
SEGAL JERRY 4668 DE LA FELTRIE MONTREAL QUE	RE 1 5435	B ENG 2
SEGAL LIONEL 5433 MCLYNN AVE MONTREAL QUE	RE 7 0263	B C L 2
SEGAL MARK 5960 SHERBROOKE ST W APT 5 MONTREAL QUE	EL 3824	PH D 1
SEGAL MARVIN 2260 GOYER ST MONTREAL QUE	RE 7 5575	B SC 2
SEGAL MERLE 5610 WILDERTON AVE MONTREAL QUE	RE 3 164H	TCH ELEM 1
SEGAL MOEY 4H60 JEAN BRILLANT MONTREAL QUE	RE 7 4880	B SC 1
SEGAL MORTON 180 BLOOMFIELD AVE OUTREMONT QUE	CR 2 6195	B ENG 2
SEGAL PERRY MITCHELL 484 COTE ST CATHERINE RD OUTREMONT QUE	CR A 7844	MD CM 3
SEGALL RONA 875 WILDER AVE OUTREMONT QUE	CR 7 4827	B SC P ED 2
SEGUIN GHISLAIN EDOUARD 3547 HUTCHISON ST MTL 29 REGENT ST EAST HAWKESBURY ONT		B ENG CIV 5
SEID GORDON 4961 PRINCE ST ROXBORO 968 1 2 WEST 42ND ST LOS ANGELES 37 CALIFORNIA U S A		B ENG 2
SEIFERT HARRY 655 GROSVENOR AVE WESTMOUNT QUE	DE 0121	B COM 3
SEIN THAUNG 3615 UNIVERSITY ST ROOM 1 MONTREAL QUE	BE 0888	M SC 1
SELBY DAVID ADRIAN 1785 DEPATIE ST VILLE ST LAURENT QUE		M ENG 1
SELIG GORDON MAXWELL 5380 GROVEHILL PLACE MONTREAL QUE	HU 1 8486	B COM 4
SELIG ROBERTA MACBETH 1592 PINE AVE APT 54 MTL 107 BOTSFORD ST MONCTON N B	WE 3 0774	M SC 1
SELIGMAN FRED 3345 ELLENDALE AVE MONTREAL QUE	RE 7 8508	B SC 3
SELIGMAN MONA FREDA 788 CHAMPAGNEUR AVE OUTREMONT QUE	CR 9 0784	TCH ELEM 1
SELINGER STANLEY LYON 5265 MOUNTAIN SIGHTS AVE MONTREAL QUE	RE 7 1552	B ENG 1
SELLARS GERTRUDE ELSIE 3459 DRUMMOND ST MONTREAL QUE	RE 0653	GR N CERT 1
SELLS BRUCE HOWARD 12 RUE DEL ABREUVOIR BOISFORT BRUXELLES BELGIQUE		PH D 5
SELTZER PHILLIP ALLAN 3420 PEEL ST MTL 1250 HALL AVE WINDSOR ONT		D D S 1
SEMENIW JESSIE IRENE 7554 BIRNAM ST MONTREAL 15 QUE	CR 7 9113	B A 1
SEMPLE IAN DE WOLFE 4550 HARVARD AVE MONTREAL QUE	HU 1 6475	B SC 2
SENIOR DESMOND JOHN 106 3RD AVE VERDUN QUE	YO 4800	B ENG MI 5
SEPINWALL JERRY 5922 WESTBURY AVE MONTREAL QUE	RE 7 2788	B A 1
SERAFIN JULIUS MARTIN 3760 COTE ST CATHERINE MONTREAL QUE	RE 3 105H	M A 2
SERBYN MYROSLAV ROMAN 2024 CITY HALL AVE MONTREAL 18 QUE		M ENG 1
SERBYN ROMAN 5700 36TH AVE MONTREAL 36 QUE	RA 7 0563	B A 2
SERBYN THEODORE DANNY 5117 18TH AVE MONTREAL 36 QUE	RA 7 7048	B ENG CIV 3
SEREMBA FRANCOIS J 5275 PIE IX BLVD MONTREAL QUE	RA H 1091	
SERLIN BERNICE RUTH 6101 WILDERTON AVE MONTREAL 26 QUE	RE H 3940	B A 4
SERVICE WILLIAM IAN 15 47TH AVE LACHINE QUE	ME 7 5757	B A 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
SETO WING Y M C A DRUMMOND ST MTL BOX 471 HUNTSVILLE ONT		B ENG 2
SEVIOUR GEORGE RICHARD 419 PRINCE ARTHUR ST MTL 106 QUEENS ROAD ST JOHNS NFLD	VI 5 1088	MD CM 1
SEWELL DAVID ST ALBANS 92 CEDAR AVE PTE CLAIRE QUE	OX 5 3978	B ED 3
SEXTON ROBERT FRANKLIN 3655 OXENDEN ST MTL 451 SO ASHLAND AVE LEXINGTON KY U S A	VI 9 3014	MD CM 3
SEYBOLD HUGH LAURIE 685 GROSVENOR AVE H WESTMOUNT QUE	HU 1 4271	B ENG 1
SHACKLETON BRIAN KYLE 5880 COTE ST ANTOINE RD N D G MONTREAL QUE	HU H 7078	TCH ELEM 1
SHACTER SHEILA GAIL CO MRS MORIN GARDIN CITY 619 ROSLYN AVE MONTREAL QUE		TCH ELEM 1
SHADLEY RICHARD EDWARD 5533 DUPUIS AVE MONTREAL QUE	RE 7 0809	B COM 3
SHADOWITZ LARRY 4195 PLAMONDON AVE APT 8 MONTREAL QUE	RE 1 4490	B A 2
SHADOWITZ MELVIN 4195 PLAMONDON AVE APT 8 MONTREAL QUE	RE 1 4490	B SC 3
SHAFFER FRIMA MONA 918 PRATT AVE OUTREMONT QUE	RE H 1479	B A 2
SHAFFER GLORIA ANN 2720 SOISSONS AVE MONTREAL QUE	RE 3 2226	B SC 3
SHAH JESSIE AHMAD B 11 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE		M SC 1
SHAH SAID AHMAD MACDONALD COLLEGE 9 FYZABAD RD LUCKNOW U P INDIA		PH D 4
SHAINBLUM FAIGE RUTH 4605 OXFORD AVE MONTREAL QUE	AV 8 5655	B A 3
SHANE ZENA FRANCES ROYAL VICTORIA COLLEGE 276 JUBILEE ROAD HALIFAX N S	PL 0847	B A 3
SHANFIELD ISIDORE 7857 BIRNAM ST MONTREAL 15 QUE	CR 6 2946	B SC 2
SHANKS JOHN ARTHUR 3495 RIDGEWOOD AVE MONTREAL QUE	RE 3 7548	MD CM 4
SHAPIRO ALEXANDER 3050 VAN HORNE AVE APT 15 MONTREAL QUE	RE 7 9906	B SC 1
SHAPIRO ALVIN HOWARD 2740 DARLINGTON PLACE MONTREAL QUE	RE 9 0622	B C L 1
SHAPIRO BARRY HOWARD 3733 THE BOULEVARD WESTMOUNT 6 QUE	EL 7746	B A 1
SHAPIRO DAVID STEPHEN 3733 THE BOULEVARD WESTMOUNT 6 QUE	EL 7746	B A 4
SHAPIRO ELVIN SOLLY Y M C A 1441 DRUMMOND ST 706 LANSDOWNE AVE WINNIPEG 4 MAN		M S W 1
SHAPIRO EPHRAIM HAROLD 6285 DEACON RD MONTREAL 8 QUE	RE 3 3040	B COM 1
SHAPIRO HAROLD TAFLER 5351 VICTORIA AVE MONTREAL QUE	RE 3 5648	M A 1
SHAPIRO IRVING 4957 JEAN BRILLANT ST MONTREAL QUE	RE 7 3719	B A 4
SHAPIRO MARK ALAN 6201 COTE ST LUC ROAD HAMPSTEAD QUE	EL 7746	B ARCH 6
SHAPIRO VIVIAN RAPOPORT 5351 VICTORIA AVE APT 3 MONTREAL QUE	RE 3 5648	B A 4
SHAPOSNICK PHILIP 4915 PRINCE OF WALES AVE MONTREAL QUE	EL 9351	B C L 3
SHARKIE MOLLY ELIZABETH 11 MCNAUGHTON AVE HUDSON QUE		B SC 1
SHARKOFF DONALD 3535 DUROCHER ST APT 2 58 FALLINGBROOK ROAD TORONTO 13 ONT	BE 2982	MD CM 1
SHARMA KAPIL DEV 2065 MCGILL COLLEGE AVE APT 3 MONTREAL QUE		PH D 2
SHARP BRIAN STANWAY 729 UPPER LANSDOWNE AVE WESTMOUNT QUE	DE 4882	B COM 1
SHARP DAVID ROBT PATERSON 3310 MAPLEWOOD AVE APT 17 MTL 3007 W 34TH AVE VANCOUVER B C	RE 3 5411	D D S 4
SHARP LAWRENCE WILMOT 20 FOURTH AVE ILLE PERROT QUE LENNOX ORANGE BAY JAMAICA B W I		B SC AGR 2
SHARPE LOUIS RAMON 2137A BLEURY ST MONTREAL QUE		B A 4
SHARPE PATRICIA LOUISE 3783 GREY AVE MONTREAL 28 QUE	EL 6232	B A 3
SHASHOUA SASSOON 5951 RUE DOLBEAU MONTREAL QUE	RE 7 8254	B COM 3
SHATNER FARLA 8 BRIARDALE ROAD MONTREAL QUE		B A 1
SHATZ RICHARD MARK 310 DUFFERIN ROAD HAMPSTEAD QUE	HU 1 9475	B SC 3
SHAW CHARLES TIMOTHY Y M C A DRUMMOND ST MTL P O BOX 2 RANDFONTEIN TRANSVAAL SOUTH AFRICA		M SC 1
SHAW ELIZABETH ANN ROYAL VICTORIA COLLEGE 190 BANK ST LANDISVILLE PA U S A	PL 0147	B SC 4
SHAW JOHN FREDERICK 3360 RIDGEWOOD AVE APT 9 MONTREAL QUE	RE 1 4076	B SC 3
SHAW MARGARET ANNE ROYAL VICTORIA COLLEGE 1050 GRAHAM BLVD TOWN OF MT ROYAL QUE	PL 0571	B A 1
SHAW MERVIN GLENN 475 PINE AVE WEST MTL 333 SECOND ST N KENORA ONT	BE 4270	B SC P ED 4

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SHAW MICHAEL EMERSON A STE ANNE DE BELLEVUE QUE	B SC AGR 4
SHAW RALPH WILLIAM MACDONALD COLLEGE R R 1 LAWRENCETOWN ANNA CO N S	B SC AGR 3
SHAW SYLVIA ANNE 18 HUDSON ROAD APT 3 TOWN OF MT ROYAL QUE	B COM 3 RE 3 2361
SHAW WILLIAM FREDERICK 1650 DORCHESTER ST W APT 501 MONTREAL QUE	D D S 4 WE 7 8226
SHEA EDWARD EARL 4857 WESTMORE AVE MONTREAL QUE	B SC 1 HU 1 8716
SHEA ROBERT ALAN 998 CHERRIER AVE ILE BIZARD QUE	B A 3
SHEARD MARY JOAN MACDONALD COLLEGE 727 WESTCHESTER DRIVE BAIE D URFEE QUE	B SC H EC 4
SHEARLY LOIS SUSAN 5110 DUROCHER AVE MONTREAL QUE	PHYSIOTH 5 CR 7 7433
SHEINER BARBARA 5947 DECELLES AVE APT 10 MONTREAL QUE	B A 3 RE 3 9463
SHEINER GERALD 5947 DECELLES AVE APT 10 MONTREAL QUE	B C L 1 RE 3 9463
SHELDON DUNCAN BAKER WILSON HALL 1620 OAK GROVE AVE SAN MARINO CALIF U S A	B SC 1 VI 9 9181
SHENON PETER WARREN 3621 LORNE CRES MTL 1846 SPRUCE ST APT 22 BERKELEY CALIF U S A	MD CM 4 BE 6086
SHEPARD NANCY CAROL RUTH MACDONALD COLLEGE SUTTON QUE	EDUCATION 1
SHEPPARD ADRIAN 4727 FULTON AVE APT 2 MONTREAL 26 QUE	B ARCH 5 RE 3 8377
SHEPPARD CLAUDE ARMAND 4727 FULTON AVE APT 2 MONTREAL 26 QUE	B C L 3 RE 3 8377
SHEPPARD JEAN 3568 UNIVERSITY ST MONTREAL QUE	PARTIAL AV 8 8318
SHEPPARD MARILYN LAURA MACDONALD COLLEGE BOX 307 CORNER BROOK NFLD	B SC H EC 3
SHEPPARD RITA ALMEDA M 3492 PEEL ST MONTREAL QUE	M L S 2 PL 7362
SHER MELVIN 5454 WAVERLEY ST MONTREAL QUE	B ENG EL 3 CR 1 7035
SHERIDAN BRIAN GEORGE 51 CHESTERFIELD AVE WESTMOUNT QUE	B ENG EL 4 EL 6888
SHERLOCK GEOFFREY MCGILL SUB ARCTIC LAB BOX 790 SCHEFFERVILLE QUE	M SC 1
SHERMAN FLORENCE 4676 HUTCHISON ST MONTREAL QUE	B A 4 CR 7 3423
SHERMAN HARRY 5835 DECELLES ROAD APT 14 MONTREAL QUE	B COM 4 RE 1 5293
SHERMAN JOHN WALTER 3581 UNIVERSITY ST MTL 92 MAIN ST WEST HAWKESBURY ONT	B ENG EL 3 VI 9 1368
SHETISKY GERALD MURRAY 1662 VAN HORNE AVE OUTREMONT QUE	B SC 4 CR 6 8520
SHETLER CAROL ANN 4342 HAMPTON AVE MONTREAL QUE	B SC P ED 2 HU 1 6827
SHETLER JAMES GRAHAM 7441 DE CHAMBOIS ST MONTREAL QUE	B A 4 RE 7 5416
SHETLER LEONARD ROY 4342 HAMPTON AVE MONTREAL 28 QUE	B SC P ED 1 HU 1 6827
SHEVELL MELVYN 6875 FIELDING AVE APT 27 MONTREAL QUE	D D S 3 HU 8 2897
SHIAU EDWIN LIANG YING 456 PINE AVE W APT A MTL RATANAMALA CO LTD 121 PHAHURAT ROAD BANGKOK THAILAND	B SC 3 VI 9 7268
SHIFF THEODORE 3 BELOEIL AVE OUTREMONT QUE	B SC 2 RE 8 3735
SHILLER BARRY MORTON 28 SHORNCLIFFE AVE WESTMOUNT QUE	B A 2 HU 1 7955
SHILLER BRYANT MARVIN 167 PAGNUELO AVE MONTREAL QUE	B ARCH 2 CR 2 9725
SHILLER CAROLE RONA 28 SHORNCLIFFE AVE WESTMOUNT QUE	B A 1 HU 1 7955
SHILOV MARIAN 4950 WALKLEY AVE MONTREAL QUE	B A 1 HU 8 0177
SHINDER ETHELYN ROYAL VICTORIA COLLEGE 110 RAJAH AVE NORTH YORK TORONTO ONT	B A 4 PL 0526
SHINKODA NORIKO 35 FIRST AVE VILLE LASALLE QUE	B A 4 PO 8 3102
SHINOFF RHODA GAIL MACDONALD COLLEGE 84 BANNERMAN AVE WINNIPEG 4 MAN	B SC P ED 1
SHIPPAM ARTHUR FREDERICK 146 JASPER AVE MONTREAL 16 QUE	B A 4 RE 7 1933
SHIPTON RALPH DOUGLAS 575 LOGAN ST ST LAMBERT QUE	B ENG EL 3 OR 1 9694
SHIRLAW MICHAEL RIVERS 55 ROYWOOD TERRACE LEMOYNE 23 QUE	B ENG CIV 3 OR 1 4691
SHIU MAN HAO 3712 JEANNE MANCE ST APT 4 MTL 6 115 KADOORIE AVE KOWLOON HONGKONG	B ENG PHY 5
SHIZGAL HARRY MORRIS 5753 MCALEAR AVE MONTREAL QUE	B SC 3 HU 8 5025
SHIZGAL MORTIMER DAVID 4720 LACOMBE ST MONTREAL QUE	B SC 2 RE 8 5937
SHLIEN DAVID JOSEPH 5130 BOURRET AVE APT 9 MONTREAL QUE	B ENG 2 RE 8 7226

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SHOALES ROBERT WALTER 548 SHERBROOKE ST W MTL 7 MILLER ST NORWICH N Y U S A	B SC 2
SHOHAM GILBERT LOUIS 3395 ELLENDALE MONTREAL QUE	M A 2 RE 3 6072
SHORE BEN 3212 KENT AVE MONTREAL QUE	B SC 1 RE 7 2824
SHORT BERNARD 3440 SHUTER ST APT 29 MONTREAL QUE	M ENG 2
SHORTT WILLIAM CHARLES 120 48TH AVE LACHINE QUE	B ENG 2 ME 7 8027
SHOUB LOUIS 2755 BRINTON ROAD MONTREAL QUE	B ENG 2 RE 3 8533
SHPIKULA NORMAN ALEXANDER DOUGLAS HALL 68 EVANS AVE TORONTO ONT	D D S 2
SHPIRO EDWARD JACOB 5972 MCSHANE AVE MONTREAL QUE	B ENG 1 RE 3 0632
SHRON HERSHEY BERNARD 2150 JOHNSON ST VILLE ST LAURENT QUE	B A 2 RI 4 0760
SHTERN ISRAEL HIRSH 220 FAIRMOUNT W APT 12 MONTREAL QUE	PH D 2 CR 4 0321
SHTERN SIDNEY 5336 JEANNE MANCE ST APT 2 MONTREAL QUE	B SC 2 CR 9 8349
SHTULL EDWARD A 782 OUTREMONT AVE MONTREAL QUE	B SC 1 CR 2 8471
SHTULL MORRIS 782 OUTREMONT AVE MONTREAL QUE	PARTIAL CR 2 8471
SHUFELT DAVID WEBB MACDONALD COLLEGE EAST FARNHAM QUE	B SC AGR 1
SHULMAN BARBARA SUSAN ROYAL VICTORIA COLLEGE 50 DARWOOD PL MT VERNON N Y U S A	B SC 3 PL 0147
SHULMAN FROMA 2820 DARLINGTON PLACE APT 30 MONTREAL QUE	M S W 2 RE 3 3959
SHULMAN SORYL RIVA 746 MCEACHRAN AVE MONTREAL QUE	B SC P ED 1 CR 4 9920
SHUSTER DAVID NORMAN 3525 GIROUARD AVE MONTREAL QUE	B SC 1 HU 1 1403
SHUSTER HARVEY JACK 3609 UNIVERSITY ST MTL 391 RUPERTSLAND AVE WINNIPEG MAN	D D S 1 AV 8 6307
SHUSTER JOSEPH 4142 CLARK ST MONTREAL QUE	B SC 4 VI 9 9054
SHUSTER SOLOMON AURUM 925 DAVAAR AVE OUTREMONT QUE	B A 1 CR 7 4436
SHYCH MARY 5976 MOLSON ST MONTREAL 36 QUE	PHYSIOTH 3 RA 1 4117
SHYKOFSKY ARNOLD DAVID 2834 WILLOWDALE AVE MONTREAL QUE	B ARCH 5 RE 7 2103
SIDAWAY ELIZABETH ANNE MACDONALD COLLEGE BIRCH COVE C O ROCKINGHAM P O HALIFAX CO N S	B SC AGR 3
SIEGAL MORRIS 415 WILLOWDALE AVE OUTREMONT QUE	B C L 1 RE 3 1817
SIEGLE ELIZABETH MARGARET 3620 DUROCHER ST MONTREAL QUE	B SC 2 AV 8 4678
SIEGLER JOHN JOSEPH 2100 CLAREMONT AVE MTL 145 BAYVIEW BLVD STRATFORD CONN U S A	D D S 4 HU 1 0740
SIERADZKI WERNER 372 FAIRMOUNT AVE WEST MONTREAL QUE	B ENG 1
SIEVERT JUDITH ANN 1596 PINE AVE W MTL ALUMINIO DO BRASIL S A CAIXA POSTAL 8039 SAO PAULO BRASIL	PHYSIOTH 1 WE 5 0248
SIFTON MARGARET JARVIS 5295 MCKENNA AVE MONTREAL 26 QUE	EDUCATION 1 RE 8 5176
SIGMAN GERALD 4828 MELROSE AVE MONTREAL QUE	B SC 4 EL 6813
SIGNER DAVID JOSEPH 6028 PARK AVE APT 12A MONTREAL QUE	B SC 1 CR 6 3451
SIGNER MYER WOLFE 5506 DUROCHER AVE MONTREAL 8 QUE	B COM 3 CR 9 1222
SIGURDSON LEONARD GUDNI 3484 DUROCHER ST APT 411 767 JUBILEE AVE WINNIPEG MAN	B ENG MCH 5 VI 5 2780
SIIMAN BRUNO 6337 8TH AVE MONTREAL 36 QUE	B ENG CIV 5
SIKKA DESH B DEPT GEOLOGICAL SCIENCES MCGILL UNIVERSITY QUE	PH D 4
SILHY ENRIQUE 2022 UNION AVE APT 1 MTL 3A AVENIDA NORTE 3 SAN SALVADOR EL SALVADOR C A	B ARCH 4
SILON ELIAHU 3495 VAN HORNE AVE APT 4 MONTREAL QUE	B ENG MCH 3 RE 3 7334
SILVA GERALDO 2177 ST LUKE ST APT 6 USINA DA ILHA BOX 571 D FEDERAL BRASIL	B ENG 1 WE 7 1345
SILVER DANIEL 1020 BALL AVE MONTREAL QUE	B SC 2 CR 4 4888
SILVER EDWARD ALLAN 4836 MELROSE AVE MONTREAL 29 QUE	B ENG AM 4 HU 1 6043
SILVER FRANCES CALLA 634 SYDENHAM AVE WESTMOUNT QUE	B SC N 1 EL 1298
SILVER HUGH DOUGLAS 10510 BLVD ST VITAL 144 CHAMPLAIN ST BAIE COMEAU QUE	B ENG MCH 5 DU 7 4724
SILVER ISSIE IKE 4512 HUTCHISON ST MONTREAL QUE	D D S 4 CR 7 9598

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SILVER JOANNA MAUDE B ROYAL VICTORIA COLLEGE ROCKLEDGE FARM BOSTON ROAD RTE 119 GROTON MASS U S A	B A 2 PL 0598
SILVER ROSALIE 472 GLENGARRY AVE TOWN OF MT ROYAL QUE	TCH INT 1 RE 3 6086
SILVER STEPHEN DAVID 5820 MCSHANE AVE MONTREAL QUE	B COM 1 RE 7 2960
SILVERBERG SEYMOUR 2115 GOYER ST MONTREAL QUE	B SC 3 RE 3 5785
SILVERMAN FRANK SPENCER 5340 KING EDWARD AVE MONTREAL 29 QUE	B A 2 HU 8 4968
SILVERMAN JON DAVID 4695 COTE ST CATHERINE MONTREAL QUE	B COM 1 RE 8 7712
SILVERMAN JUDITH GAIL ROYAL VICTORIA COLLEGE ONE BENVENUTO PLACE TORONTO ONT	B A 3 PL 0334
SILVERMAN MELVIN 656 DAVAAR AVE OUTREMONT QUE	B SC 2 CR 7 8945
SILVERMAN OIZER 5742 MOUNTAIN SIGHTS AVE MONTREAL 29 QUE	B ENG 2
SILVERMAN ROBERT HERBERT 4746 LACOMBE AVE MONTREAL QUE	B ENG EL 3 RE 8 1458
SILVERSON LYNDA ANNE MACDONALD COLLEGE BOX 256 BROWNSBURG QUE	TCH INT 1
SILVERSTONE HERSCHEL W 838 PRATT AVE OUTREMONT QUE	B ENG CIV 4 RE 3 1776
SILVERSTONE JOSEPH 3734 COTE STE CATHERINE MONTREAL QUE	B C L 1 RE 3 9067
SILVERTON SANDRA RACHAEL 5137 CLANRANALD AVE MONTREAL QUE	B A 2 HU 8 8581
SIM VICTOR WALLACE 1592 PINE AVE W APT 55 BOX 1015 STONEY CREEK ONT	PH D 2
SIMARD MICHEL JOSEPH 723 DUNLOP ST OUTREMONT QUE	B COM 2 RE 3 2808
SIMCOE LEONARD 5272 KING EDWARD AVE MONTREAL QUE	B C L 2 EL 9769
SIMEAO MARIA JOSE 3275 LACOMBE AVE APT 2 RUE SAMPRIO PINA 122 LISBON PORTUGAL	GR N CERT 1 RE 8 5932
SIMINOVITCH ZELDA 766 MCEACHRAN AVE MONTREAL QUE	B COM 1 CR 9 9502
SIMMONS FRED ALBERT DOUGLAS HALL 128 CHESTNUT ST WEST NEWTON MASS U S A	MD CM 1
SIMMONS GLORIA JANET ROYAL VICTORIA COLLEGE NORTH SHORE DEVONSHIRE WEST BERMUDA	B SC 1 PL 0597
SIMON JAMES ERWIN 855 MARLBORO DRIVE TOWN OF MT ROYAL QUE	M PS SC 4 RE 3 5000
SIMON MORTIMER LEONARD 5622 PHILLIPS AVE MONTREAL QUE	B ENG 1 RE 8 9362
SIMON RICHARD ALBERT 410 GREENOCK AVE MONTREAL 16 QUE	B ENG 1 RE 7 4068
SIMONS BARBARA ELIZABETH ROYAL VICTORIA COLLEGE 985 MONT ST DENIS SILLERY 6 QUE	B A 3 PL 0327
SIMONS JOHN HERBERT DOUGLAS HALL 315 LAURIER AVE QUEBEC 4 QUE	B ENG 2 BE 0977
SIMOONS RUDOLF ALEXANDER 533 PRINCE ARTHUR ST W VALERIVSSTRAAT 49 AMSTERDAM HOLLAND	B ENG CIV 4
SIMPSON JAMES GARY 3558 LORNE AVE APT 7 26 ROBERTSON PLACE ST CATHARINES ONT	B ENG 2
SIMPSON JOYCE MILDRED MACDONALD COLLEGE NORTH GOWER ONT	B SC H EC 1
SIMPSON RONALD GRAHAM 3655 OXENDEN AVE MTL 25 20TH AVE SAN FRANCISCO CALIF USA	MD CM 1 VI 9 3014
SIMS DAVID LINDLEY 46 CURZON AVE MONTREAL WEST QUE	B ARCH 4 EL 7689
SIMS VALERIE ANTOINETTE 1106 ELGIN TERRACE APT 101 MONTREAL QUE	M S W 2 VI 9 3814
SIMSER RAY GRAHAM MACDONALD COLLEGE 1422 MOODIE ST FORT WILLIAM ONT	TCH INT 1
SINCLAIR ANNE OLIVIA 628 MURRAY HILL WESTMOUNT QUE	TCH ELEM 1 DE 3801
SINCLAIR DIANE LOUISE 3850 DICKENS AVE MONTREAL 38 QUE	B A 1 RA 2 1805
SINCLAIR GERALD MARK 4576 STANLEY WEIR ST MONTREAL QUE	MD CM 3 RE 1 6308
SINCLAIR HEATHER ANNE MCLENNAN HALL 14 HEATH ROAD MONTREAL QUE	PHYSIOTH 2 VI 9 0580
SINCLAIR JANET ANN 1496 BISHOP ST MTL 36 STELLARTON ROAD NEW GLASGOW N S	B L S 1 AV 8 0340
SINCLAIR JOHN ANGUS MACDONALD COLLEGE AV LA PAZ 1481 MIRAFLORES LIMA PERV	AGR DIP 2
SINCLAIR KENNETH ROY 377 PRINCE ARTHUR ST W CITY VIEW P O OTTAWA ONT	B ENG CIV 5 VI 9 0622
SINCLAIR PETER THOMAS 628 MURRAY HILL AVE MONTREAL QUE	B ENG 1 DE 3801
SINGER LOUISE MADELAINE 137 TRENTON AVE TOWN OF MT ROYAL QUE	M S W 2 RE 3 6472
SINGER MADELEINE CAROL ROYAL VICTORIA COLLEGE 220 MADISON AVE NEW YORK CITY N Y U S A	B A 3 PL 0334

DIRECTORY OF STUDENTS

Whe two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SINGER MARILYN ANN 5242 CUMBERLAND AVE N D G MONTREAL QUE	TCH ELEM 1 HU 9 6143
SINGER PHILIP NORTON 4106 KENT AVE MONTREAL QUE	B ENG 2 RE 8 2652
SINHA SUSHILA 3660 LORNE CRESCENT APT 16 MONTREAL QUE	B SC 4 AV 8 2787
SINKUNKS JOHN JOSEPH 6738 14 AVE MONTREAL 36 QUE	B ENG 2
SINNOTT JOSEPH CYRIL 3770 ST KEVIN AVE MONTREAL QUE	MED DIPL 4 RE 1 2085
SINSON DRUCE ANDRE 3657 LORNE CRESCENT MTL PLANTATION EVERTON DOMINICA B W I	B ENG MCH 3 VI 9 9530
SIPELIS VITOLIS S 940 OSBORNE AVE VERDUN QUE	B ENG 2 PO 7 7559
SISSONS ROBERT LONGLEY 3482 MCTAVISH ST MTL 813 HEMLOCK AVE SHAWINIGAN FALLS QUE	B ENG 1 PL 1674
SISTILI JOSEPH SALVATORE 7991 DE L EPEE AVE MONTREAL QUE	B ENG 2 CR 6 0817
SKARF BERNARD 4902 FULTON MONTREAL 29 QUE	B ENG 1
SKEFFREY COURTNEY KEMP 3527 JEANNE MANCE ST APT 6 MONTREAL QUE	B A 4 VI 5 8991
SKELLY ROBERT MICHAEL 740 49TH AVE LACHINE QUE	B A 1 ME 7 8570
SKELTON RAMA LAWRENCE 13748 NOTRE DAME ST E MONTREAL 5 QUE	B ENG 2 MI 5 4787
SKEPASTS ALEXANDER V P O BOX 75 MACDONALD COLLEGE	B SC AGR 4
SKIDMORE JOHN FREDERICK 1932 BARCLAY AVE MONTREAL QUE	B SC 4 RE 7 6348
SKILLINGS JAMES WILLIAM 548 PRINCE ARTHUR W MTL WHITEHALL ROAD AMESBURY MASS U S A	D D S 2 PL 0877
SKINNER ANTONY SIMON 3484 DUROCHER ST MTL 1216 THOMPSON PLACE DAYTONA BEACH FLA U S A	B ENG MCH 5 VI 5 2780
SKINNER G BERNARD 3620 HUTCHISON ST MONTREAL QUE	MED DIPL 3 VI 5 3550
SKYNNER HENRY JOHN 1541 RUE ST MARC APT 1 MONTREAL 25 QUE	PH D 3 WE 5 2960
SLATER GEORGE RICHARD 3508 UNIVERSITY ST MTL 157 JAMESON AVE APT 410 TORONTO ONT	B D 2 BE 0752
SLATKIN DANIEL NATHAN 4590 HINGSTON AVE MONTREAL QUE	MD CM 3 HU 1 1045
SLATKOFF ROBERT LYON 3097 THE BOULEVARD MONTREAL QUE	B SC 2 WE 7 8356
SLAWNER SIMON 5713 COTE DES NEIGES RD MONTREAL 26 QUE	B SC 1 RE 3 0354
SLESAR STEPHAN JOSEPH 3655 OXENDEN AVE MTL 352 CARLETON ST ST CATHARINES ONT	MD CM 3
SLIWINSKI SANDA KATHERINE 2679 GRAND TRUNK ST MONTREAL 22 QUE	TCH ELEM 1 WE 2 7995
SLOCOMBE JAMES MORING 550 ABERCORN AVE TOWN OF MT ROYAL QUE	B ENG 2 RE 7 7467
SLOSARCIK JOHN ANDREW 102 ONTARIO ST EST MONTREAL QUE	B ENG 2 PO 6 4450
SMAJOVIC IRWIN 4157 CARLTON AVE MONTREAL QUE	B SC 4 RE 3 8721
SMART MARGARET ANNE ROYAL VICTORIA COLLEGE R R 2 SHAWVILLE QUE	B SC 4 PL 0634
SMART MICHAEL B 491 MT PLEASANT AVE WESTMOUNT QUE	M A 1 WE 2 9498
SMART ROBERT BURNS M 70 54TH AVE LACHINE QUE	B ENG 1 ME 7 3927
SMILEY HARRIET 6285 LENNOX MONTREAL QUE	B A 1 RE 3 8790
SMILEY MARY ELIZABETH BOX 600 MACDONALD COLLEGE 8 GRANITE ST COPPER CLIFF ONT	B SC H EC 4
SMIT BARBARA JANET R 4544 WILSON AVE MONTREAL 28 QUE	TCH ELEM 1 HU 8 4540
SMITH BARBARA JOAN 605 CHESTER AVE TOWN OF MT ROYAL QUE	B SC 3 RE 7 3102
SMITH BRIAN MORRISON 3851 UNIVERSITY ST MTL 44 SEGUNDO RINCON DORADO TORREMOLINOS MALAGA SPAIN	B A 2 BE 6968
SMITH BRIAN NELSON 20653 LAKESHORE ROAD BAIE D URFEE QUE	B COM 2
SMITH BRUCE TAYLOR 2860 DARLINGTON PL APT 3 FORT COVINGTON NEW YORK U S A	MD CM 2
SMITH CAROL BREMNER 7 FINCHLEY ROAD HAMPSTEAD QUE	B COM 2
SMITH CAROL ELEANOR 42 PERRAULT AVE STE ANNE DE BELLEVUE BOX 87 SHAWVILLE QUE	EDUCATION 1
SMITH CELIA EILEEN 3500 SHUTER ST APT 3 MONTREAL QUE	B SC P ED 1 AV 8 2754
SMITH CHARLES MASON 3466 MCTAVISH ST MTL WYDEACRE FARM BETHEL MAINE U S A	MD CM 4 AV 8 9533
SMITH DAVID CHARLES 140 SPRINGFIELD AVE GREENFIELD PARK QUE	B ED 4 OR 1 9835
SMITH DAVID ROYCE 4370 KENSINGTON AVE MONTREAL QUE	B SC 2 HU 8 6053
SMITH EDGAR NELSON 3464 WALKLEY AVE MONTREAL QUE	B C L 2 EL 3128

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SMITH EDWARD GORDON 481 PRINCE ARTHUR ST W CORALAIR WARWICK BERMUDA	B A 3 AV 8 7773
SMITH EDWARD RUSSELL BOX 28 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 2
SMITH ELIZABETH JANET 500 VICTORIA AVE WESTMOUNT QUE	B A 3 DE 4463
SMITH EVAN LAURIER A 3578 DUROCHER ST MTL HARBOUR ROAD WARWICK WEST BERMUDA	B ENG 1 VI 5 6739
SMITH FRANK ASTOR BROOKLYN RIVER ROAD ST MICHAEL BARBADOS B W I	B SC 2
SMITH GEORGE DOUGLAS 4502 OLD ORCHARD AVE MONTREAL 28 QUE	B COM 4 EL 5488
SMITH GEORGE WILLIAM 6403 BEURLING AVE VERDUN QUE	B ED 4 PO 6 6152
SMITH GORDON WAINWRIGHT 3508 UNIVERSITY ST MTL 219 MILLWOOD ROAD TORONTO ONT	B ENG MET 5 BE 0752
SMITH GRANT KENWOOD 25 45TH AVE LACHINE QUE	PH D 1 ME 7 1643
SMITH HAMISH MACGREGOR 1723 CANORA ROAD TOWN OF MT ROYAL QUE	B COM 3 RE 8 0227
SMITH JANET CAROLYN 639 ROSLYN AVE WESTMOUNT QUE	B SC P ED 1 HU 1 6208
SMITH JANICE IRVING BOX 950 MACDONALD COLL 333 BROADWAY SHAWINIGAN FALLS QUE	B SC P ED 1
SMITH JOHN ARNOLD MONTREAL GENERAL HOSP C O DEPT OF ANESTHESIA HANTSPORT NOVA SCOTIA	MED DIPL 1
SMITH JOSEPH ANTONIO V 3693 JEANNE MANCE ST MTL 33 CONSTANT SPRING ROAD HALF WAY TREE P O JAMAICA B W I	B SC 3 PL 7352
SMITH JUNE CAROLYN MACDONALD COLLEGE HIGHWATER QUE	TCH ELEM 1
SMITH LEO CAMILLE 53 WORSLY AVE N MTL W BOX 210 KIMBERLEY B C	B ENG COM 5 HU 8 2474
SMITH LORRAINE BEVERLEY MACDONALD COLLEGE BOX 509 BUCKINGHAM QUE	TCH ELEM 1
SMITH MARILYN BARBARA 239 BROOKFIELD AVE TOWN OF MT ROYAL QUE	MUS B 1 RE 7 7658
SMITH PAULA 7401 BAYARD AVE MONTREAL QUE	B A 1 RE 8 8951
SMITH PETER HENDERSON 639 ROSLYN AVE WESTMOUNT QUE	B SC 3 HU 1 6208
SMITH PETER WILLIAM E 4111 BEACONSFIELD AVE N D G MONTREAL QUE	B SC 4 DE 5868
SMITH RAYMOND MURRAY R R 1 HOWICK QUE	B SC AGR 4
SMITH ROBERT BENJAMIN 5430 DUROCHER AVE OUTREMONT QUE	PARTIAL CR 6 0387
SMITH ROBERT CLINTON 3617 OXENDEN AVE APT 3 MONTREAL 18 QUE	PH D 4 VI 9 3951
SMITH ROBERT HUNTER 12450 COUSINEAU ST MONTREAL 9 QUE	B ENG MCH 3 RI 7 1956
SMITH ROBERT LAWSON 4565 QUEEN MARY ROAD MTL 440 MAPLE AVE PEMBROKE ONT	MED DIPL 1 RE 8 9481
SMITH ROBERT LEONARD 633 GEORGE V AVE LACHINE QUE	TCH INT 1
SMITH RONALD MURRAY 8191 BLVD PREVOST MONTREAL 5 QUE	MED DIPL 3 CL 5 8969
SMITH SAMUEL IVAN 3641 UNIVERSITY ST APT 10 MTL 3577 STE FAMILLE ST MONTREAL QUE	PH D 4 VI 9 0593
SMITH SANDRA GERALD 1227 SHERBROOKE ST W APT 34 MONTREAL QUE	PARTIAL VI 9 6633
SMITH STUART DURNFORD 338 METCALFE AVE WESTMOUNT QUE	B ENG 1 WE 4535
SMITH STUART LYON 590 SHERBROOKE ST W MTL 4561 MELROSE AVE MONTREAL 28 QUE	B SC 4 AV 8 2246
SMITH SYBIL CYNTHIA ROYAL VICTORIA COLLEGE 1A LINCOLN ROAD KINGSTON JAMAICA B W I	B A 4
SMITH SYDNEY GEORGE 1514 CRESCENT ST MTL 225 BERNARD ST NEW GLASGOW N S	B ENG MCH 4
SMITH THOMAS HOWARD C 10 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PARTIAL
SMITH WILLIAM JOHN 3511 PEEL ST MONTREAL QUE	B ENG COM 5 RE 4777
SMITHERS ROBERT PAXTON 6695 SOMERLED AVE N D G MONTREAL QUE	B ENG COM 5 EL 7955
SMYTH JOSEPH DAVID R 6353 24TH AVE MONTREAL 36 QUE	B ENG 1 RA 7 6037
SMYTH MICHAEL KEVIN 2236 SUNSET ROAD T M R R R 3 ORMSTOWN QUE	B C L 1 RE 8 3191
SMYTH PHYLLIS NORMA 25 NELSON ST MONTREAL WEST QUE	B A 3 EL 3325
SMYTHE ROBERT MARSHALL 4475 CORONATION AVE MONTREAL QUE	B ENG 1 EL 4666
SNOW SUSAN ELIZABETH 1649 LINCOLN AVE APT 8 HAMPTON N B	GR N CERT 1 WE 3 9932
SNYDER HELEN STEWART 226 WOLSELEY AVE MONTREAL WEST QUE	B A 1 DE 0326

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SNYDER IRENE LAURIE MCLENNAN HALL 1743 SUFFOLK ST CALGARY ALTA	PHYSIOTH 3 PL 0044
SO WAI CHEONG 4101 ST URBAIN ST MTL 114R WATERLOO ROAD KOWLOON HONG KONG	B ENG 2 VI 5 8642
SOBRIAN MERLYN ARNOLD 3515A LORNE AVE MONTREAL QUE	PARTIAL AV 8 5200
SOCHOCKY MATHEW ANDREW 8124 STUART AVE MONTREAL QUE	B.ENG MET 4 CR 4 5876
SOCOLOW JUDITH SELMA 5592 DUROCHER AVE OUTREMONT QUE	B A 4 CR 4 0929
SODHI HARBHAJAN SINGH 4802 LACOMBE AVE MONTREAL 26 QUE	M SC 1 RE 8 4226
SOEPARMO 3647 UNIVERSITY ST MTL RUMAH D K A 3 PURWOREDJO JAVA INDONESIA	B ENG CH 4 VI 9 2806
SOIFERMAN GERALD ELLIOT 5608 RAND AVE COTE ST LUC QUE	B ARCH 2 HU 8 6326
SOIFFER PHILIP IRVINE 3098 GOYER ST APT 1 MONTREAL QUE	B ENG 2 RE 8 1933
SOKOLOWSKI ISABEL 4235 DECARIE BLVD APT 6 MONTREAL QUE	B ENG 1
SOLES JAMES ALBERT 4740 BARCLAY AVE MONTREAL QUE	PH D 3 RE 1 1479
SOLHAUG KJELL 4544 PARK AVE APT 12 MTL ASPELUNDV 12 JAR OSLO NORWAY	B SC 2 CR 4 8853
SOLOMON EDDY 4047 KENT AVE MONTREAL QUE	B A 4 RE 8 1912
SOLOMON EDWARD RUDY 4870 MAPLEWOOD AVE APT 10 MONTREAL QUE	B ENG EL 3 RE 8 8220
SOLOMON HARRIET RUTH 5016 ROSLYN AVE MONTREAL QUE	B A 4 RE 8 7761
SOLOMON LEON DAVID 3641 OXENDEN AVE MTL 2545 BESSEMUND AVE FAR ROCKAWAY N Y U S A	B SC 4 VI 5 7893
SOLTENDIECK RITA 5612 QUEEN MARY ROAD MTL STE ADELE QUE	EDUCATION 1 EL 2810
SOMARSALL MILDRED C M ROYAL VICTORIA COLLEGE P O BOX 57 HAMILTON BERMUDA	B SC 1 VI 9 0993
SOMARSALL YVONNE DOREEN ROYAL VICTORIA COLLEGE P O BOX 57 HAMILTON BERMUDA	B SC 2 VI 9 0993
SOMORJAI LEWIS RAJMUND 3515 SHUTER ST APT 4A MONTREAL QUE	B SC 2
SONNENFELD VERONIKA C O FALUOLI 3400 BARCLAY AVE MONTREAL QUE	B A 2 RE 8 6447
SOO FREDDIE WAH 3429 SHUTER ST MTL BOX 1 BRUCE AVE 8TH ST NANAIMO B C	D D S 2 VI 9 5827
SOOMET LILIAN 263 ST CHARLES RD GREENFIELD PARK QUE	B A 1 OR 1 0593
SOOSAAR KETO 110 SHERBROOKE ST BEACONSFIELD QUE	B ENG 2 OX 5 6147
SOPER ROBERT JOSEPH BOX 121 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 4
SOPKO MICHAEL 6575 36TH AVE MONTREAL 36 QUE	B ENG MET 3 RA 7 5219
SORGER GEORGE JOSEPH 3509A PARK AVE MONTREAL QUE	B SC 3 VI 9 9695
SOSNIAK JACOB 4863 ESPLANADE AVE MONTREAL QUE	M SC 2 CR 4 5906
SOUAID NORMAN GEORGE 3429 PEEL ST MTL 995 DU PALAIS ST HYACINTHE QUE	B A 3 PL 7385
SOUDEYNS ANDRE RAYMOND 350 EMERY MONTREAL QUE	B ENG 2 VI 5 9952
SOUTAR IAN ALEXANDER 3478 MCTAVISH ST MTL 117 COULSTON AVE ASBESTOS QUE	B ENG MI 5 PL 7412
SOUTH ASTLEY SAMUEL 539 PRINCE ARTHUR ST W MONTREAL QUE	B A 2 VI 9 0765
SOUTHERLAND JOHN GAVIN 3621 LORNE CRES MTL MEADOW VALLEY ROAD CORTE MADERA CALIF U S A	MD CM 4 BE 6086
SOUTHEY ROBERT MICHAEL DOUGLAS HALL 77 HIGH ST BELARROUGHTON WORCS ENG	B ENG CH 5
SOWERBY IVY 2100 CLAREMONT AVE APT 4 BOX 6 LACOMBE ALTA	GR N CERT 1 HU 9 3646
SOWINSKI BERNARD 295 SIXTH AVE MONTREAL 32 QUE	B ENG MCH 5 PO 7 0343
SOZANSKI ANDREW GEORGE 5574 BASIL PATENAUDE MONTREAL QUE	PARTIAL
SPAT ATTILIO GIORGIO 1486 CHOMEDEY ST APT 4 MONTREAL QUE	M SC 1 WE 2 0221
SPECTOR CHARLES LOUIS 5230 MUSSET AVE MONTREAL QUE	B A 1 HU 1 3707
SPECTOR LIONEL BRUCE 472 BROOKFIELD AVE TOWN OF MT ROYAL QUE	B SC P ED 1 RE 8 9145
SPECTOR REUBEN 4137 MACKENZIE ST MONTREAL QUE	B ENG 2 RE 1 4360
SPECTOR ROSLYN MARLENE 2639 SOISSONS AVE MONTREAL QUE	B SC 2 RE 7 6471
SPENCE DOROTHY 7094 BOYER ST MONTREAL 10 QUE	M L S 1 CR 1 6533

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
SPENCE JUDITH ANNE 602 ALGONQUIN AVE TOWN OF MT ROYAL QUE	RE 3 3065	B A 4
SPENCER GERALD RONALD P O BOX 598 WOLFVILLE KINGS CO N S		B ENG EL 4
SPENCER JAMES CONWAY 4990 WESTMORE AVE MONTREAL QUE	HU 1 9809	B A 1
SPENCER JOHN HEDLEY 3504 PARK AVE APT 7 MONTREAL QUE	VI 5 7624	PH D 2
SPENCER LORAINE MARGARET ROYAL VICTORIA COLLEGE 604 DRIVEWAY OTTAWA ONT	PL 0847	B A 3
SPENCER RUTH ANN ROYAL VICTORIA COLLEGE 26 OAKDENE AVE KENTVILLE N S		B SC 1
SPERBER HARRY 2855 BARCLAY AVE APT 17 MONTREAL QUE	RE 3 3096	B ENG 1
SPERBER SIMON LOUIS 5245 ST DOMINIQUE ST MONTREAL QUE	CR 2 8371	B ENG 1
SPEVACK ABRAHAM AVRAM 4102 DE BULLION ST MONTREAL QUE	VI 5 3671	B SC 1
SPEVACK ALLAN 4702 MCKENZIE ST MONTREAL QUE	RE 7 5943	B ARCH 6
SPICER CHRISTINE E MACDONALD COLLEGE P O BOX 682 COWANSVILLE QUE		TCH INT 1
SPIESEL SYDNEY ZANE 1345 MADISON PARK CHICAGO ILL U S A		B SC 1
SPINNER IRVING 4505 ST URBAIN ST MONTREAL 14 QUE	RE 5783	B ENG 1
SPINNER NAHUM 4505 ST URBAIN ST MONTREAL 14 QUE	RE 5783	B SC 3
SPIRA ALEXANDER 631 DE L EPEE AVE MONTREAL QUE	CR 9 8306	B SC 1
SPOFFORD JUDITH LUCINDA ROYAL VICTORIA COLLEGE 35 TAMARACK ROAD PITTSFIELD MASS U S A		B A 4
SPOTTON JOHN ANSON WILSON HALL 26 PRINCETON ROAD TORONTO 18 ONT		B ENG 2
SPROUL RALPH DOUGLAS 6253 SHERBROOKE ST W MTL 947 SOMMERVILLE AVE WINNIPEG 9 MAN	EL 7185	MED DIPL 4
SPROULE RAYMOND NELSON 111 EVERGREEN DRIVE BEACONSFIELD QUE	OX 5 9888	B ENG 1
SPURRELL DAVID JOSEPH 3506 UNIVERSITY ST MTL MONTREAL QUE	RE 0624	B ENG PWR 5
SQUIRES DOUGLAS JOSEPH Y M C A 1441 DRUMMOND ST LONG POND ROAD C O C P P O ST JOHNS NFLD		B ENG COM 5
SRICHANDRABHAND LAMOM 3450 DRUMMOND ST MTL 642 BANGKOK NOI THORNBUN PROV THAILAND	GR N CERT 1 RE 0653	

NAME ADDRESS	TEL. NO.	COURSE & YEAR
ST AMOUR MAURICE 3601 UNIVERSITY ST MTL CO PAPINEAU MASSON QUE	RE 0046	B ENG CIV 4
ST DENIS YVON 5714 16TH AVE MONTREAL 36 QUE	RA 2 5020	B ENG 1
ST HILAIRE ALAIN JOSEPH M 3674 LASALLE BLVD VERDUN QUE	PO 6 5403	B ENG 2
ST LEWIS VICTOR GILBERT 904 SHERBROOKE ST W MTL 62 CHACON ST SAN FERNANDO TRINIDAD B W I	VI 9 0887	B A 2
ST ONGE DELPHIS VICTOR 3413 HUTCHISON ST MTL ST ALPHONSE DE CAPLAN BONAVENTURE CO QUE	AV B 3018	B C L 4
STACHENKO JANINE LOUISE M 6 PARK PLACE WESTMOUNT QUE	WE 5 7617	PH D 3
STAIRS GORDON RANKINE BOX 490 SAULT STE MARIE ONT		M SC 2
STALLARD FREDERICK R 3508 UNIVERSITY ST MTL THE WARREN HOUSE CROWBOROUGH SUSSEX ENGLAND	VI 5 4873	B ENG MCH 4
STAMMER HANS KARL 3105 VAN HORNE AVE APT 14 MONTREAL QUE	RE 9 0422	B ENG PHY 3
STAMOS BONNIE 554 ROCKLAND AVE OUTREMONT QUE	CR 1 2814	B SC 1
STAMPLEMAN ARTHUR HOWARD 3766 GREY AVE N D G MONTREAL QUE	DE 9542	
STANCZYKOWSKI KAZIMIERZ J 3629 NORTHCLIFFE AVE MONTREAL QUE	EL 1581	B COM 1
STANDISH WILLIAM URBAIN MACDONALD COLLEGE R R 1 ROUGEMONT QUE		AGR DIP 2
STANFIELD ELEANOR P ROYAL VICTORIA COLLEGE 80 LONGWORTH AVE TRURO N S	PL 0327	PHYSIOTH 2
STANISLAWSKI MARC 5324 CUMBERLAND AVE MONTREAL QUE	HU R 2774	B SC 4
STANKEVICZ IRENE 1525 MACKAY ST APT 4 MTL 53 PARKDALE ROAD TORONTO ONT	RE 5102	GR N CERT 1
STANLEY JENNIFER M 5225 RANDALL AVE APT 15 MONTREAL QUE	DE 0956	B A 2
STANLEY PAUL DAVID MACDONALD COLLEGE 31 AVE PERREAULT STE ANNE DE BELLEVUE QUE		B SC AGR 1
STANNARD WILLIAM HUDSON 3445 PEEL ST MTL 136 BROUGHTON AVE MONTREAL WEST QUE		B SC 3
STANTON RAYMOND CLIFFORD MACDONALD COLLEGE R R 1 MILTON ONT		B SC AGR 1
STANWYCK JEAN ALICE 5061 DE BULLION ST APT 4 MONTREAL QUE	AV B 3896	B A 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
STAROSTA CHARLES 5236 ESPLANADE AVE MONTREAL QUE	B ENG 1 CR 4 4838
STARR LEBA 755 OUTREMONT AVE MONTREAL QUE	PHYSIOTH 3 CR 9 3576
STASTNY ARTHUR HARRY 3546 LORNE AVE MONTREAL QUE	B L S 1
STATE DE CHANTAL RAYMOND VILLE DE FORT CHAMBLY QUEBEC	B ENG MCH 3
STATHATOS MARINA BOX 950 MACDONALD COLLEGE 4004 ST CATHERINE ST W MONTREAL QUE	TCH INT 2
STATTNER MAXINE INA 531 ROCKLAND AVE OUTREMONT QUE	B A 3 CR 7 8806
STAUFER ALFREDO JOSE C O MRS MAXWELL 425 MT ROYAL W MTL APDO 1450 SAN JOSE COSTA RICA C A	B ENG 1 CR 4 7681
STAVERT MARY ROSAMOND 3250 CEDAR AVE WESTMOUNT QUE	B C L 3 WE 2 5930
STAVERT WILLIAM EWART 3250 CEDAR AVE WESTMOUNT QUE	B C L 2 WE 2 5930
STECK WARREN FRANKLIN DOUGLAS HALL 2308 ROBINSON ST REGINA SASK	B ENG CH 3 PL R 7630
STEED GUY PERCY FREDERICK 151 ONTARIO ST W MTL WHITE LODGE BRIZAY PARK SINGAPORE 10	B A 1
STEELE DONALD HAROLD 1186 ST MATHIEU ST MTL 142 DUCHESS AVE LONDON ONT	PH D 3
STEEVES JOHN HERBERT 3647 DUROCHER ST MTL. HILLSBOROUGH ALB CO N B	MD CM 4 PL 6742
STEEVES WILLARD M C PRESBYTERIAN COLLEGE LACHUTE QUE	HOMEMAKER 1
STEFANISZYN SIGMUND A 1085 BROWN BLVD VERDUN QUE	B ARCH 6 PO R 2214
STEFFEE ARTHUR DAVID 3475 RIDGEWOOD AVE APT 307 MTL 316 INNIS ST OIL CITY PENNA U S A	MD CM 2 RE R 6510
STEICHE HERBERT HANS 7787 WISEMAN AVE MONTREAL 15 QUE	TCH INT 1 CR 9 6810
STEIGMANN AXEL JOHN 1255 SHERWOOD CRESCENT APT 124 TOWN OF MT ROYAL QUE	PH D 3 RE 1 1854
STEIN ALAN MARTIN 5042 PONSARD AVE MONTREAL QUE	B A 4 EL 9333
STEIN ALLAN BRUCE 2023 SOISSONS MONTREAL QUE	B COM 1 RE 3 3746
STEIN BORIS 3585 LORNE AVE APT 2 MONTREAL QUE	M S W 1 AV R 7590
STEIN DAVID AVRUM 4662 KENT AVE MONTREAL QUE	B COM 3 RE 3 9227
STEIN FRANCES 5044 PONSARD AVE MONTREAL QUE	TCH INT 1 DE 0996
STEIN LIONEL MORTIMER 2225 EDEN ROAD TOWN OF MT ROYAL QUE	B ENG MCH 4 RE 3 8052
STEIN MICHAEL BERNARD 5042 PONSARD AVE MONTREAL QUE	B A 1 EL 9333
STEIN SAMUEL 5714 MCMURRAY AVE COTE ST LUC QUE	B SC 4 EL 4279
STEIN WILLIAM 4531 PARK AVE MONTREAL QUE	B A 1 AV R 5561
STEIN WILLIAM GEORGE 52 DORCHESTER ST W APT 15 MTL 130 01 229TH ST LAURELTON 13 N Y U S A	MD CM 4 UN 1 4347
STEINBACH PAULINE G MACDONALD COLLEGE MANSONVILLE QUE	TCH ELEM 1
STEINBERG HENRY MURRAY 721 WILDER AVE OUTREMONT QUE	B C L 1 CR 7 2670
STEINBERG IRWIN 4890 MIRA ROAD MONTREAL QUE	B COM 2
STEINBERG JUNE SANDRA 5177 WESTBURY AVE MONTREAL 29 QUE	B A 2
STEINBERG NATHAN 5476 HUTCHISON ST MONTREAL QUE	TCH ELEM 1 CR 1 1418
STEINBERG SHARON 41 FINCHLEY ROAD HAMPSTEAD QUE	B COM 2 HU 9 2770
STEINEM DAVID L 3654 HUTCHISON ST MTL 108 ALEXIS ROAD TOLEDO OHIO U S A	MD CM 4
STEINER EMERY STEPHAN 3554 LORNE AVE MONTREAL QUE	B ENG CIV 3 VI 5 8602
STEINER GLEN MARCEL 4081 DORCHESTER ST APT 9 114 WELLINGTON AVE CHILLIWACK B C	B ENG EL 4 WE 2 2746
STEINKE LORNA MARIE MACDONALD COLLEGE LADYSMITH QUE	TCH ELEM 1
STEINMAN SEYMOUR DAVID 3484 DUROCHER ST APT 308 MTL 1427 PORTLAND AVE SHERBROOKE QUE	B A 3 BE 6414
STEINMETZ NICOLAS 3605 UNIVERSITY ST MTL STATION A OGDENSBURG N Y U S A	B SC 3 AV R 0643
STELLOS APOSTOLOS ROYAL VICTORIA HOSPITAL MONTREAL QUE	MED DIPL 1
STENMAN HANS KARL 2066 ST LUKE ST MONTREAL 25 QUE	B ARCH 6 WE 5 6513
STENMAN ULLA MARIA A 2066 ST LUKE ST MONTREAL 25 QUE	B A 3 WE 5 6513

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
STEPHENS PETER JOHN T 2290 SHERBROOKE ST E APT 14 MONTREAL QUE	B SC 1 LA 2 2881
STEPHENS SIDNEY ALLAN 34 MERTON CRESCENT HAMPSTEAD QUE	B ENG 2 EL 9008
STERKDEBURGER OLGA 3702 MOUNTAIN ST APT 9 MONTREAL QUE	PARTIAL AV A 1383
STERLING HOWARD ALVIN 3215 VAN HORNE AVE APT 4 MONTREAL QUE	B ENG 1 RE 9 0458
STERLING WILLIAM HENRY 563 CHESTER AVE TOWN OF MT ROYAL QUE	B ENG 1 RE A 2795
STERN ANTONY MORITZ 4687 WESTMOUNT AVE WESTMOUNT QUE	B A 4 HU 1 4051
STERN HELENE STEPHANIE 3238 THE BOULEVARD WESTMOUNT QUE	B A 3 WE 5 5856
STERN KATHERINE ESTHER 4687 WESTMOUNT AVE WESTMOUNT QUE	B A 1 HU 1 4051
STERN ZELDA SELMA 4938 FULTON AVE MONTREAL QUE	B SC N 1 RE A 6240
STERNS WILLIAM EDISON MACDONALD COLLEGE 36 1 2 KENT ST CHARLOTTETOWN P E	B SC AGR 4
STERNTHAL ADELE 4806 MELROSE AVE MONTREAL QUE	TCH INT 1 EL 3679
STERNTHAL EDWARD 65 PAGNUELO AVE MONTREAL 8 QUE	B SC 2 CR 9 3507
STERNTHAL HYMAN SOLOMON 6034 HUTCHISON ST APT 3 OUTREMONT QUE	B SC 2 CR 2 0953
STETHEM JOHN GIFFORD 1455 DRUMMOND ST APT 101A MONTREAL QUE	B COM 3 AV A 5717
STEVEN LORNA ALEXANDRA 5704 RAND AVE COTE ST LUC QUE	B A 4 DE 9272
STEVENSON ANN ALAIN 214 WOLSELEY AVE MONTREAL WEST QUE	PHYSIOTH 2
STEVENSON CHARLES HARRY R 53 BELMONT AVE VALOIS QUE	B ENG 2 OX 7 1429
STEWART BARRIE CAMERON 3508 UNIVERSITY ST MTL 23 PRINCE ST HUNTINGDON QUE	B COM 2 BE 0752
STEWART CHARLES 3610 DUROCHER ST APT 27 KNOWLTON QUE	MD CM 3 PL 1627
STEWART GEOFFREY EDWARD MACDONALD COLLEGE 40 BURTON ROAD ASHBY DE LA ZOUCH LEICESTERSHIRE ENGLAND	B SC AGR 1
STEWART GORDON KENNEDY 49 13TH AVE S LAVAL WEST QUE	PARTIAL
STEWART JOHN DONALD QUFEN MARY VETERANS HOSP 43 KENILWORTH AVE MONTREAL QUE	MED DIPL 3 RE A 9481
STEWART SHIRLEY MAUREEN MACDONALD COLLEGE 190 BECKWITH ST N SMITHS FALLS ONT	B SC H EC 3
STEWART WILLIAM BEVERLY MACDONALD COLLEGE 82 GOODERICH ST DALHOUSIE N B	B SC AGR 3
STILES DONALD ALFORD 877 LAFAYETTE BLVD MONTREAL SOUTH 23 QUE	B D 1 OR 4 9681
STINNES MATHIAS 180 BEVERLEY AVE MONTREAL 16 QUE	B ENG 1 RE 7 3258
STIRLING DONALD VICTOR 159 LAKESHORE ROAD POINTE CLAIRE 33 QUE	B D 3 OX 5 4229
STIRZAKER COLIN VICTOR 4096 HAMPTON AVE N D G 718 ANDERSON AVE PORT ALBERNI B C	D D S 1 HU 1 8608
STOBIE JANET ANNE E ROYAL VICTORIA COLLEGE 8 CLUNY AVE TORONTO 5 ONT	B A 2 PL 0113
STOCKHAUSEN JOSEPH PAUL DOUGLAS HALL 4 CHELSEA AVE HALF WAY TREE JAMAICA B W I	B ENG CIV 3
STOCKS ROBERT JAMES 5201 SHERBROOKE ST W APT 16 MTL BOX 407 COWANSVILLE QUE	B C L 2 HU A 5289
STOCKWELL HENRY PERKINS 3508 UNIVERSITY ST MTL 594 DRIVEWAY OTTAWA ONT	MD CM 1
STOLLAR MAX 5578 WAVERLEY ST MONTREAL QUE	B ENG 1 CR 2 6734
STONE JOSEPHINE DE CUBAS ROYAL VICTORIA COLLEGE 311 MORROW ROAD ENGLEWOOD N J U S A	B A 4 PL 0180
STONE MALCOLM STEWART 4547 HAMPTON AVE MONTREAL 28 QUE	B COM 2 HU 1 1926
STONE SHEILA MCLEOD 4114 MARCIL AVE MONTREAL 28 QUE	B A 2 EL 3935
STONE WALKER HARRISON LACHINE GENERAL HOSP 2030 REED ST WILLIAMSPORT PENN U S A	MD CM 4
STONES PAMELA MARY 14 BROWN ST STE ANNE DE BELLEVUE 6055 MACDONALD AVE MONTREAL 29 QUE	TCH ELEM 1
STOREY SAMUEL HARRY 3621 OXENDEN AVE APT 5 MONTREAL QUE	PH D 1 AV A 9423
STOTHERS DAVID EARL 2660 BOIS FRANC VILLE ST LAURENT 2776 WEST 31ST AVE VANCOUVER B C	B ENG CIV 5
STOTT JOHN DAVID 25 45TH AVE APT 14 LACHINE QUE	B SC 2 ME 7 6206
STOTT PETER KAY 25 45TH AVE APT 14 LACHINE QUE	B A 4 ME 7 6206
STRACEY JOHN SIMON 1002 MONAUGHTON ROAD MONTREAL 16 QUE	B ENG 2 RE A 0347

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
STRACHAN RICHARD A MACDONALD COLLEGE THE LAKES CLIFTON BEDFORDSHIRE ENGLAND	B SC AGR 1
STRAIN MARGARET ROSE 7345 MAYNARD ST TOWN OF MT ROYAL QUE	B SC 2 RE 3 3062
STRASBERG ZENO WILSON HALL 66 CASCADE ROAD ST ANNS TRINIDAD B W I	B SC 2
STRATHMANN HILDEGARD 1774 CEDAR AVE MTL C O W W WAY BOX 62 SARDIS B C	MED DIPL 1
STRAUSS HAROLD CARL 4841 WILSON AVE N D G MONTREAL QUE	B SC 2 DE 7054
STREAN MAXINE PAMELA 656 LANSDOWNE AVE WESTMOUNT QUE	B A 3 EL 2312
STRENKOWSKI EDWARD 1862 DORCHESTER ST W APT 9 MONTREAL QUE	B ENG 2
STRIKE EILEEN DORIS 2334 RUSHBROOKE ST MONTREAL 22 QUE	GR N CERT 1 WE 5 5054
STROHSAHL JEAN ELLEN ROYAL VICTORIA COLLEGE 3001 AVENUE T BROOKLYN NEW YORK U S A	B A 4 PL 0477
STROLL GLORIA RUTH 46A PERRAULT AVE MTL 5230 ROSEDALE AVE MONTREAL QUE	TCH ELEM 1
STROMBERG DAVID 5814 CLANRANALD AVE MONTREAL QUE	B SC 1 RE 3 0457
STROMBERG IONE GLORIANNE ROYAL VICTORIA COLLEGE 1441 104TH ST NORTH BATTLEFORD SASK	B A 3 PL 0113
STRUCCHELLI LOUIS 8273 QUERBES AVE MONTREAL QUE	B ENG EL 4 CR 2 8883
STUART CHARLES RODNEY S C O DR A E MOLL 450 STRATHCONA AVE WESTMOUNT QUE	B COM 4 WE 7 1216
STUART JAMES WALLACE W C O DR A E MOLL 450 STRATHCONA AVE WESTMOUNT QUE	B A 4 WE 7 1216
STUART KENNETH LLOYD DOUGLAS HALL PEMBROKE HALL P O JAMAICA B W I	B SC 3 BE 0977
STYAN BRENDA MARY 369 CLARKE AVE APT 5 WESTMOUNT QUE	EDUCATION 1
STYRON CLAORA ELIZABETH ROYAL VICTORIA COLLEGE TRAPELO ROAD LINCOLN MASS U S A	B A 3 PL 0334
SUGA HARUSI TY 11 ST LUC ST LAVAL DES RAPIDES QUE	B ENG 1
SUKSE GUNTIS MACDONALD COLLEGE P O BOX 174 STE ANNE DE BELLEVUE QUE	B SC AGR 3
SULD HENRY 6400 BEURLING AVE VERDUN QUE	PH D 4 PO 6 0353

NAME ADDRESS	COURSE & YEAR TEL. NO.
SULITEANU DAN 3621 DECARIE BLVD APT 26 MONTREAL QUE	B ENG CH 4 EL 4685
SULLIVAN DANIEL JOSEPH 4384 MARCIL AVE MONTREAL QUE	B C L 2 DE 3243
SUMBULIAN HAYKAZOUN 72 ST CYRIL AVE OUTREMONT QUE	B C L 1 CR 6 7766
SUMMERBY JOHN HALL QUEEN MARY VETERANS HOSP BOX 250 MACDONALD COLLEGE	MED DIPL 1 RE R 9481
SUMMERLIN JOHN V 740 UPPER LANSDOWNE AVE POINT HOUSE WARWICK BERMUDA	MD CM 1 HU R 6150
SUMNER DARLENE MARY MACDONALD COLLEGE 185 MARINA CIRCLE PTE CLAIRE QUE	B SC H EC 1
SUN YUK LUN KINGSLEY 3566 LORNE AVE 29 AUSTIN ROAD KOWLOON HONG KONG	B ENG 1
SUPERSTEIN HOWARD RONOLD 5133 ST URBAIN ST MONTREAL QUE	B COM 1 CR 2 0792
SUSSET JACQUES GEORGES F 5612 CANTERBURY AVE MONTREAL QUE	MED DIPL 3 RE 3 1954
SUSSMAN DAVID 2767 MAPLEWOOD AVE APT 307 MONTREAL QUE	PH D 4 RE 7 9956
SUSSMAN EDMOND 2767 MAPLEWOOD AVE APT 307 MONTREAL QUE	PH D 4 RE 7 9956
SUSSMAN MAURICE GORDON 2039 UNIVERSITY ST APT 28 MONTREAL QUE	D D S 4 AV H 7523
SUTCLIFFE STEWART STANLEY 5 MALCOLM CIRCLE DORVAL QUE	B COM 3 ME 1 3000
SUTER ROBERT WILLIAM DOUGLAS HALL 9 PINEDALE ROAD TORONTO 12 ONT	B SC 2
SUTHERLAND EDITH LOUISA BOX 47 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	TCH INT 1
SUTHERLAND EVERETT HIRAM 328 ST JACQUES ST LONGUEUIL BOX 947 WOODSTOCK N B	D D S 2 OR 4 6192
SUTHERLAND LYLE IAN MACDONALD COLLEGE 4087 HAMPTON AVE N D G MONTREAL QUE	TCH ELEM 1
SUTTO CLAUDE MAURICE GUY 272 QUERBES AVE OUTREMONT QUE	B A 3 CR 9 6678
SUZUKI JOHN MACGREGOR 120 SHERBROOKE ST W APT 19 MTL 8 RATHNELLY AVE TORONTO ONT	B SC 1 VI 5 0546
SUZUKI JUDITH LESLIE Y H C O MR I GREEN 2058 VICTORIA ST APT 3 MONTREAL QUE	B A 3 VI 5 2600
SVED GEORGE 3075 MAPLEWOOD AVE MONTREAL QUE	B ENG CH 3 RE 3 3061

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SVED STEPHEN 3484 DUROCHER ST APT 104 MONTREAL 1H QUE	PH D 3 VI 9 1884
SVISTUNENKO JURIS 1239 FORT ST APT 1 MONTREAL QUE	B ENG 2 WE 3 9536
SWAISGOOD VONDALE 3600 UNIVERSITY ST MTL R R 1 KANSAS OHIO U S A	M S W 2
SWALES DAVID WILLIAM BOX 254 MACDONALD COLL STE ANNE DE BELLEVUE QUE	MD CM 1
SWEETING SIDNEY THEODORE 5835 DECELLES PLACE APT 1 MONTREAL QUE	B SC 3 RE 1 1691
SWINTON CONSTANCE ALEXA 6191 COTE ST LUC ROAD APT 104 MTL 11729 97TH ST EDMONTON ALTA	B N 2 HU 1 1352
SWIRSKY LILLIAN 363 OLIVIER AVE MTL 52 CENTRAL ST CORNER BROOK NFLD	B SC 1 WE 2 0762
SWIRSKY RONALD 5174 BOURRET AVE MTL BROADWAY 7 A CORNER BROOK NFLD	B ENG EL 4 RE 9 0459
SWITZER LANA LOIS ETHEL 4665 CARLTON AVE MONTREAL QUE	TCH ELEM 1 RE 8 2394
SWITZER PHYLLIS MARY ROYAL VICTORIA COLLEGE 75 EAST 44TH ST HAMILTON ONT	B SC 2 PL 0495
SYBULSKI STELLA 6620 45TH AVE MONTREAL 36 QUE	PH D 3 RA 7 4091
SYDIAHA DANIEL 5A RUE BOURGEOIS STE DOROTHEE 921 ATHABASCA ST W MOOSE JAW SASK	PH D 3 MU 1 3615
SYKORA OSCAR PAUL 159 GERALD AVE VILLE LASALLE QUE	D D S 3 PO 7 4888
SYLVESTER GORDON FRANK 160 51ST AVE MONTREAL 32 QUE	M A 2 ME 7 5496
SYME THOMAS DOUGLAS 189 CURZON AVE ST LAMBERT QUE	B ENG 1 OR 1 3569
SYMES ASTON LLOYD MACDONALD COLLEGE 12 ST JOSEPH AVE VINEYARD TOWN JAMAICA B W I	B SC AGR 1
SYMONDS THOMAS HENRY 117 GABLES COURT BEACONSFIELD, QUE	B ENG 1 OX 5 6942
SYMONENKO WALTER VILLE DE LEMOYNE MONTREAL QUE	B COM 1
SYPNIEWSKA EVA 1225 BERNARD ST MONTREAL QUE	B A 1 CR 9 4421
SYVERTSEN ROSALIND GORDON ROYAL VICTORIA COLLEGE GREAT HOLLOW ROAD HANOVER N H U S A	B A 3 VI 9 0120
SZABLOWSKI JULIE ANNE 3565 DUROCHER ST APT 20 MONTREAL QUE	M A 2 RE 2261
SZABO ANDREW JOHN 3453 JEANNE MANCE ST MONTREAL QUE	MD CM 3 VI 9 2903
SZABO ARTO OLAVI 1850 LINCOLN AVE APT 603 MONTREAL QUE	B ARCH 2 WE 7 3123
SZABO BILL STEVEN 3430 DE BULLION MONTREAL QUE	B ENG CIV 5 VI 9 3110
SZALAY PAUL JOSEPH 655 HOWARD ST APT 12 MONTREAL QUE	PH D 1 CR 6 9369
SZARKA PETER ZOLTAN 2057 MCGILL COLLEGE AVE APT 6 MTL BUDAPEST HUNGARY	B SC 2 AV 8 5909
SZASZ ROBERT ANDREW 4805 MELROSE AVE N D G MONTREAL QUE	B ENG 2 HU 1 4759
SZEGO PETER 1487 ARGYLE AVE MONTREAL QUE	B SC 2
SZELIGA TEDDY FRANK 6787 1ST AVE MONTREAL 36 QUE	B ENG EL 3 RA 2 8426
SZEWCZUK MYLITTA VICTORIA MACDONALD COLLEGE 342 SOMERSET E OTTAWA ONT	B SC H EC 1
SZIRT ANDRAS OTTO 3660 LORNE CRESCENT APT 6 MONTREAL QUE	B ENG 2 AV 8 0157
SZIRTES THOMAS 184 COTE ST ANTOINE ROAD WESTMOUNT QUE	M ENG 1 WE 7 1027
SZOGHY OTTO 538 PRINCE ARTHUR ST W MONTREAL QUE	B ENG MCH 4 VI 9 0674
SZPETGANG PAULETTE 4525 PARK AVE MONTREAL QUE	B A 3 PL 2820
SZTANKOVITS ISTVAN C 2061 DORCHESTER ST W MONTREAL QUE	B ENG EL 4 WE 3 0181
SZWARC MARY VIOLETTE 4376 MADISON AVE MONTREAL QUE	MD CM 2 EL 7693

T

TABOIKA FRANK 598 5TH AVE LACHINE QUE	B A 3 ME 7 1011
TAFLER JACQUELINE G 5022 VICTORIA AVE MONTREAL QUE	TCH INT 1 RE 3 6023
TAGUCHI YOSHINORI YOSH 5954 24TH AVE MONTREAL 36 QUE	MD CM 3 RA 1 4580
TAHT REIN 2178 MARCIL AVE MONTREAL QUE	B ENG 1 HU 9 4348
TAIT GEORGE RODNEY 148 VICTORIA AVE LONGUEUIL QUE	B ENG 2 OR 4 9731
TAIT SANDRA ELIZABETH ROYAL VICTORIA COLLEGE QUE IRON LITANIUM CORP HAVRE ST PIERRE QUE	B SC 1 PL 0597
TAITELBAUM ESTHER 6249 DE VIMY AVE MONTREAL QUE	B A 1 RE 8 2520

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
TAITT PETER STEWART MACDONALD COLLEGE BROXTON HOUSE CHILMOTTON NR STOCKBRIDGE HANTS ENGLAND	B SC AGR 1
TAKAHASHI NORMAN SHOJI 208 JACQUES CARTIER FARNHAM QUE	B ENG 2
TALBOT ANNE ROYAL VICTORIA COLLEGE ALTON PEMBROKE BERMUDA	B A 4 PL 0526
TALBOT DAVID ALLAN 800 49 AVE LACHINE QUE	B ENG PHY 3 ME 7 2808
TALBOT JOHN RICHARD DOUGLAS HALL ALTON PEMBROKE BERMUDA	B COM 3 RE 0977
TALBOT RICHARD 362 LABADIE ST MONTREAL QUE	B ENG 1 CR 2 7773
TALIANA CLAUDE 7971 CARTIER ST MONTREAL 35 QUE	U ENG 1 RA 1 9665
TALMA TREVOR EDMUND H 538 MILTON ST APT 7 MTL TREVONDOR WELCHES CHRIST CHURCH BARBADOS B W I	D D S 4 VI 9 2486
TAM KIM FUNG 3631 LORNE CRESCENT MTL 37 TIN HAU TEMPLE ROAD 1ST FLOOR HONG KONG	B ARCH 4 PL 0690
TAMM MARIS MACDONALD COLLEGE 3020 MAPLEWOOD AVE APT 4 MONTREAL QUE	B SC H EC 1
TAMMIST TIIU 3610 DUROCHER ST APT 2 MONTREAL QUE	B ARCH 6 AV 8 8644
TANAKA AMY EMIKO 4860 WESTMORE AVE N D G MONTREAL QUE	TCH INT 2 EL 9111
TANAKA CHARLES KUNIYUKI 451 GREENOCH AVE TOWN OF MT ROYAL QUE	B ENG MCH 5 RE 7 4828
TANAKA FUJIO 4860 WESTMORE AVE N D G MONTREAL QUE	B ENG 2 EL 9111
TANAKA RONALD SHOJI 451 GREENOCH AVE TOWN OF MT ROYAL QUE	B ENG CIV 4 RE 7 4828
TANCRED PETA ELIZABETH ROYAL VICTORIA COLLEGE 4 SUNSET BLVD OTTAWA ONT	B A 4 PL 0526
TANENBAUM HOWARD LEON 834 MCEACHRAN AVE OUTREMONT QUE	MD CM 1 CR 7 7439
TANG GENE DONALD 12025 RUE DESCHAMPS APT 6 MTL CANDO N DAK U S A	MD CM 3
TANGUAY JACQUES EDMOND R 2681 PLACE GRANBY APT 202 MTL 220 ST PIERRE CAP DE LA MADELEINE QUE	B ENG 2
TANNENBAUM RUTH ADA E 4675 CARLTON AVE MONTREAL QUE	M S W 2 RE 8 3094
TANNER WILLIAM FREDERICK 32 CAMPBELL AVE MONTREAL WEST QUE	B COM 2 DE 6911
TANTON MARGARET ALICE MACDONALD COLLEGE 78 CHURCHILL ST TRURO N S	B SC H EC 3
TANZMAN HELENE ISABEL ROYAL VICTORIA COLLEGE 617 SAND COVE ROAD LANCASTER N B	B A 2 PL 0495
TAO CHIA HWA 4145 SHERBROOKE ST W MTL P O BOX 43 TAINAN FORMOSA CHINA	M ENG 2 WE 5 5049
TAPPENDEN EDWIN GEORGE MARCELLA ST HAILEYBURY ONT	B ENG 2
TARAN SEYMOUR 6550 WESTBURY AVE MONTREAL QUE	B COM 2 RE 3 9519
TARASOFSKY JOSEPH 6040 HUTCHISON ST MONTREAL QUE	B ENG 1 CR 9 9100
TARASOFSKY JOYCE HELEIN 5272 ESPLANADE AVE MONTREAL QUE	PHYSIOTH 2 CR 2 1765
TARAZI ANTONE K 3801 UNIVERSITY ST MONTREAL QUE	MED DIPL 2
TARCZAY SZABOLCS LASZLO 3640 DUROCHER ST APT 11 MONTREAL QUE	B ENG 2 BE 4796
TARDER MORTY MELVIN 705 BRUNET ST VILLE ST LAURENT QUE	B ARCH 4 RI 7 8571
TARDIF JEAN MARIE 52 SIMCOE AVE TOWN OF MT ROYAL QUE	U C L 2 RE 8 4498
TARI YUSEF 2022 NORMAN VILLE ST LAURENT QUE	B ENG 2
TARLO JUDITH VIVIEN ROYAL VICTORIA COLLEGE 541 EAST 20TH ST NEW YORK 10 N Y U S A	B A 2 PL 0334
TARNOPILSKY WALTER 283 ROY ST E MONTREAL QUE	B ENG 2 PL 0990
TARR BEVERLEY BARBARA 252 SIMCOE AVE MONTREAL 16 QUE	B ED 4 RE 7 7581
TARR DAVID ALAN 252 SIMCOE AVE MONTREAL 16 QUE	B A 1 RE 7 7581
TATE ROBERT WILSON 30 FINCHLEY RD MONTREAL QUE	B A 1 HU 1 6754
TAUB ILYSE JOY 4855 ROSLYN AVE MONTREAL QUE	B A 4 RE 7 1788
TAUB MICHAEL IRWIN 655 ROSLYN AVE WESTMOUNT QUE	B COM 1 HU 1 5906
TAUB STEPHANIE DIANE 4855 ROSLYN AVE MONTREAL QUE	B A 2 RE 7 1788
TAYLOR ALEXANDER NAISMITH 3563 UNIVERSITY ST MTL 805 ARGYLE ST PORT ALBERNI B C	D D S 1
TAYLOR ALLEN LEVORE 3581 UNIVERSITY ST MTL 1212 18 ST N W CALGARY ALTA	M SC 1 VI 9 1368
TAYLOR ANGUS SCOTT 3508 UNIVERSITY ST MTL LACHUTE QUE	B ENG AM 3 VI 5 4873

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
TAYLOR BARBARA ALICE MACDONALD COLLEGE BOX 301 WHITEHORSE YUKON	B SC H EC 1
TAYLOR CAMPBELL THOMAS 15 19TH AVE LACHINE QUE	TCH INT 2
TAYLOR FRANCIS ALBERT 3858 LASALLE BLVD VERDUN QUE	B ENG 1 PO 6 0674
TAYLOR GEORGE 241 COLEFORD PLACE OTTAWA ONT	M ENG 2
TAYLOR JAMES MATTHEW DOUGLAS HALL 22 STONE ST GANANOQUE ONT	B ENG 1 RE 0977
TAYLOR JOHN DOUGHERTY 93 ST LOUIS AVE BEAUREPAIRE QUE	B SC AGR 1 OX 5 4658
TAYLOR JUDITH ANNE MACDONALD COLLEGE 55 GEORGE AVE NORANDA QUE	B SC H EC 2
TAYLOR JUNE ELIZABETH 1529 CEDAR AVE MTL 431 GLENLAKE AVE TORONTO 9 ONT	B N 2 PL 4464
TAYLOR LAUGHLIN BARKER 3593 PAPINEAU AVE MTL 4524 WASKASOO CRESCENT RED DEER ALTA	M SC 1 LA 6 1806
TAYLOR MICHAEL LAWRENCE 574 DULWICH AVE ST LAMBERT QUE	B SC 2 OR 1 5436
TAYLOR PETER ALLAN 3506 UNIVERSITY ST MTL GRENADA B W I	B SC 2 BE 0624
TAYLOR ROBERT MAYNARD P O 214 MACDONALD COLL R R 1 COOKSHIRE COMPTON CO QUE	TCH INT 1
TAYLOR ROBERT WESLEY 542 PRINCE ARTHUR ST W 537 STE MARIE ST COLLINGWOOD ONT	B SC 4
TAYLOR ROY LEWIS 1431 LINCOLN AVE APT 4 MONTREAL QUE	M SC 1
TAYLOR SANDRA DEANNE 6739 FIELDING AVE N D G MONTREAL QUE	TCH ELEM 1 HU H H228
TAYLOR SANDRA LEE MACDONALD COLLEGE 594 VICTORIA ST SHERBROOKE QUE	TCH ELEM 1
TAYLOR SHEENA MCLEAN ROYAL VICTORIA COLLEGE WESTNEWTON HOUSE WESTNEWTON CARLISLE CUMBERLAND ENGLAND	PARTIAL VI 9 0030
TAYLOR WILLIAM PENTELOW 294 SHERBROOKE ST W MTL 825 DURHAM AVE S W CALGARY ALTA	B ENG 2 VI 9 0001
TECTOR MARGARET ANNE 3506 DUROCHER ST MTL 120 COULSTON AVE ASBESTOS QUE	M SC 1
TEES RICHARD CHISHOLM 33 RENFREW AVE WESTMOUNT QUE	B A 1 HU 1 6479
TEHER PETER JOHN 1461 MOUNTAIN ST APT 44 MONTREAL QUE	MD CM 3 BE 1683

NAME ADDRESS	COURSE & YEAR TEL. NO.
TEITELBAUM IRVING 1901 CLINTON AVE MONTREAL 8 QUE	B A 2 RE 7 1388
TEITELBAUM MORTIMER MAX 7214 BIRNAM ST MONTREAL QUE	B C L 4 CR 4 2874
TEITLEBAUM ALBERT DAVID 5160 ROSEDALE AVE MONTREAL QUE	B SC 4 HU 9 1945
TEJADA LOUIS GEORGE HENRY 3434 MCTAVISH ST MTL SAN FCO DE MACORIS DOMINICAN REPUBLIC	B ENG 2 PL 4492
TEKKER PETER CONRAD 5280 DALOU ST MONTREAL QUE	B ENG CH 3
TEMPLE MICHAEL CHARLES 3563 DUROCHER ST MONTREAL QUE	B A 1 AV 1 6565
TEMPONERAS DENIS PETER 46 PINE AVE W MONTREAL QUE	B ENG 1 VI 5 7931
TENANDER MARTTI ARVI 1483 ATWATER ST APT 12 72 BAGSHAW ST ROUYN QUE	B ENG 2
TENENBAUM MARCEL PAUL 5500 VICTORIA AVE MONTREAL 26 QUE	D D S 3 RE 3 4216
TENENHOUSE ALAN 2660 GOYER ST APT 14 MONTREAL QUE	PH D 3 RE 7 2825
TENNANT JAMES SCOTT 33 CEDAR AVE PTE CLAIRE QUE	B ENG 1 OX 5 5356
TENNESON ERNEST GEOFFREY 6340 FIFTH AVE MONTREAL 36 QUE	PARTIAL RA 1 4187
TERAUDS JANIS 3794 COTE DES NEIGES MTL R R 1 SWEETSBURG QUE	B ENG MCH 4 WE 5 8043
TERI ANDREW 3668 DUROCHER ST APT 17 MONTREAL QUE	B SC 2 VI 9 0750
TERPLAN PETER KORNEI 52 BEARD AVE BUFFALO N Y U S A	MD CM 2
TERROUX ARTHUR CHARLES D 1509 SHERBROOKE ST W APT 66 MONTREAL 25 QUE	A & S COM 1 WE 2 8580
TERRY WILLIAM HARRISON 142 LAKEVIEW AVE PTE CLAIRE QUE	B COM 2
TERRYBERRY JOHN DOUGLAS S MACDONALD COLLEGE 11 RIDGEVALLEY CRESCENT TORONTO 18 ONT	B SC P ED 1
TESSEMA NEGGA 3457 SHUTER ST MTL ATTO TANENE SIYOUM P B 1367 ADDIS ABABA ETHIOPIA	B C L 1 AV H 0749
TESSIER CHRISTINE EVA 1500 OUIMET ST VILLE ST LAURENT QUE	MUS B 2 RI H R022
TESSIER JEAN GUY 3649 DUROCHER ST APT 15 MONTREAL QUE	MED DIPL 3 PL 6500
TESTA RENE RIAGGIO 5503 ST JAMES ST W N D G MONTREAL QUE	B ENG AM 4 HU 1 1366
TETENBURG GERRIT J 4095 TUPPER ST WESTMOUNT QUE	MUS B 1 WE 5 0464

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address

NAME ADDRESS	COURSE & YEAR TEL. NO.
TETFRUCK WALTER ROBERT DOUGLAS HALL 17 PRINCESS MARGARET TORONTO 18 ONT	D D S 1 AV 8 7630
TEVJASCHOVA KATHERINE 3917 ST URBAN ST MONTREAL QUE	B ARCH 6 PL 4722
THACKRAY ADAM JAMES DOUGLAS HALL COBAST CAIXA POSTAL 4965 RIO DE JANEIRO BRAZIL	B A 1 RE 0947
THANOS COSTAS 2110 ST LAWRENCE BLVD MONTREAL QUE	PH D 2
THEBERGE GILLES NOEL 5335 C COLOMB MONTREAL 10 QUE	B ENG CIV 5 CR 1 4563
THEMELIS NICKOLAS JOHN 2076 SHERBROOKE ST W APT 15 MONTREAL QUE	M ENG 1 WE 7 4877
THEROU JOHN SHELDON DOUGLAS HALL 62 MIDDLE ST TRENTON ONTARIO	B ENG PHY 3
THIBAUDEAU JOSEPH PIERRE 2000 GALT AVE MONTREAL 20 QUE	B ENG 1 PO 7 1064
THIBAULT JOSEPH BERNARD P 2340 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ENG 1 RE 7 7905
THIBAULT LOUISE FRANCINE ROYAL VICTORIA COLLEGE 32 DE LA COUP RIVIERE DU LOUP QUE	B A 4
THIVIERGE CLAUDE 4687 ROSEMOUNT BLVD MONTREAL QUE	B C L 4 CL 5 6240
THOMAS BARRY RENTON 5463 12TH AVE MONTREAL 36 QUE	B ENG 2 RA 2 9820
THOMAS BOOKER TALIFARRIO 3935 LINTON ST APT 1 MONTREAL QUE	B A 1 RE 7 6460
THOMAS ELEANOR GALE MACDONALD COLLEGE 4580 BELMORE AVE MONTREAL 28 QUE	B SC H EC 1
THOMAS GARFIELD BOSWORTH MACDONALD COLLEGE MUNRO COLLEGE JAMAICA B W I	B SC AGR 1
THOMAS GEORGE M 477 PRINCE ARTHUR ST W MULLAMANGAZAM CHUNGOM KERALA STATE KOTTAYAM INDIA	PH D 4 RE 0024
THOMAS HILARY JOAN 4097 HIGHLAND AVE MONTREAL 6 QUE	B SC 3 WE 5 9225
THOMAS HOWARD MURRAY 5756 17TH AVE MONTREAL 36 QUE	B ENG 1 RA 7 1648
THOMAS LEON EARL C 3682 JEANNE MANCE ST APT 13 MTL C O MRS LEO YORK 3510 HUTCHISON ST MONTREAL 19 QUE	B ENG EL 4 VI 9 3975
THOMAS MARGARET BERNICE 74 PERCIVAL AVE MONTREAL WEST QUE	B SC 4 DE 9877
THOMAS MARY GABRIELLE ROYAL VICTORIA COLLEGE THE KNOLL SHELLY BAY BERMUDA	B A 1
THOMAS MAX MATTHEW P 4 CUMBERBATCH LANE BELMONT PORT OF SPAIN TRINIDAD B W I	B ARCH 2
THOMAS ROBERT BRAMHAM 5463 12TH AVE MONTREAL 36 QUE	B ENG MCH 5 RA 2 9820
THOMPSON BLASHFORD GORDON 5254 COOLBROOK AVE MONTREAL 29 QUE	MD CM 3 DE 5187
THOMPSON GORDON BRUCE 3801 UNIVERSITY ST MONTREAL QUE	MED DIPL 2 PL 1251
THOMPSON HUGH MACLEOD 37 BRUNET AVE POINTE CLAIRE QUE	B ENG 2 OX 5 4305
THOMPSON JOAN ELIZABETH MACDONALD COLLEGE 1133 ELLIOTT ST SASKATOON SASK	EDUCATION 1
THOMPSON JOHN ANGUS 4945 WESTMORE AVE MONTREAL QUE	B SC P ED 4
THOMPSON LLOYD HORATIO 2070 MANSFIELD ST MTL BROUGHTON LITTLE LONDON JAMAICA B W I	B SC 2 PL 0315
THOMPSON PATRICIA JEAN 117 ARLINGTON AVE WESTMOUNT QUE	B A 1 WE 3 3349
THOMPSON PETER DENIS 6526 JOQUES ST MONTREAL 20 QUE	B ENG 2 PO 7 8735
THOMPSON ROBERT EDWARD D 92 DIEPPE ST ST EUSTACHE SUR LE LAC QUEBEC	TCH ELEM 1
THOMPSON ROGER JOHN MONTREAL GENERAL HOSP 114 FOREST GARDENS POINTE CLAIRE QUE	MED DIPL 1
THOMPSON SYRIL HYACINTH MACDONALD COLLEGE ISLINGTON ST MARY JAMAICA B W I	B SC H EC 1
THOMPSON THOMAS BRIAN 4945 WESTMORE AVE MONTREAL QUE	B SC P ED 4
THOMPSON WILLARD RUSSELL 725 UPPER LANSDOWNE AVE WESTMOUNT QUE	D D S 1 EL 7410
THOMPSON WILLIAM ALLEN 918 HARTLAND AVE OUTREMONT QUE	MD CM 3 RE 7 7729
THOMSON BARRY KAY 1465 DEPATIE ST VILLE ST LAURENT QUE	B ENG 2 RI 7 8078
THOMSON DOUGLAS ALAN 1010 CANORA AVE MONTREAL 16 QUE	B SC 4 RE 3 5617
THOMSON DOUGLAS LORNE 3001 KENT AVE MONTREAL QUE	MED DIPL 3 RE 7 3661
THOMSON JOHN PETER MACDONALD COLLEGE R R 4 NEW GLASGOW PICTOU CO N S	B SC AGR 3
THOMSON LANCE KENT 119 KENASTON AVE TOWN OF MT ROYAL QUE	B A 3 RE 1 1979

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
THORNILEY BRIAN HENRY 1500 STANLEY ST APT 413 C O J M CAMERON 216 CARLYLE AVE TOWN OF MT ROYAL QUE	M SC 1 AV 8 2936
THORNTON ANNE MARIE YWCA 1355 DORCHESTER ST MONTREAL QUE	B ENG EL 4
THORNTON CHARLES NICHOLAS 499 MT PLEASANT AVE WESTMOUNT QUE	B ENG CH 5 WE 2 6855
THORSTEINSON WILLIAM E 3440 SHUTER ST APT 45 MONTREAL QUE	M A 1 AV 8 9320
THURLING MARGARET LYNNE ROYAL VICTORIA COLLEGE 29 WALLIS DR R R 3 PETERBORO ONT	B A 1 PL 0847
TICEHURST BRENDA MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC P ED 1
TICEHURST GEORGE RONALD MACDONALD COLLEGE R R 4 MAGOG QUE	TCH INT 1
TIE TEN QUEE ELIZABETH M ROYAL VICTORIA COLLEGE 52 HOPE ROAD HALF WAY THEE P O ST ANDREW JAMAICA B W I	B A 3
TIGER DEBORAH 852 DOLLARD AVE OUTREMONT QUE	TCH ELEM 1 CR 9 1043
TIGER LIONEL SAMUEL 590 SHERBROOKE ST W MTL 5625 PARK AVE APT 9 MONTREAL QUE	M A 1 AV 8 2244
TIIVEL MATI 1830 LINCOLN AVE APT 9 MONTREAL QUE	B ENG MET 3 WE 3 3571
TILLEY JOHN NORMAN 5575 QUEEN MARY ROAD MONTREAL QUE	B ENG MCH 5 HU 1 6168
TILTINS MAIJA MILDA 4887 MARIETTE AVE MTL 223 NEPEAN ST OTTAWA ONT	B SC 4 EL 1264
TIMASCHEFF MICHAEL 3405 BEACONSFIELD AVE N D G MONTREAL QUE	B ENG CIV 5 HU 8 4123
TIMLECK ARTHUR JAMES DOUGLAS HALL 1612 WHITF ST SHERBROOKE QUE	H ENG 1
TIMMINS DONALD BECKER MACDONALD COLLEGE 305 BROCK AVE N MONTREAL WEST QUE	B SC AGR 1
TINGLEY DANIEL HARPER 75 ROSEMOUNT CRESCENT WESTMOUNT QUE	B A 2 WE 2 2833
TINMOUTH WILLIAM W 5355 MONKLAND AVE MONTREAL QUE	B C L 2 EL 3264
TISHLER JACK MURRAY A 4907 HORDEN AVE MONTREAL 29 QUE	MD CM 1 HU 8 6303
TOBIN RICHARD DONALD A PRESBYTERIAN COLLEGE PO BOX 279 LAURIER AVE BROMPTONVILLE QUE	B ARCH 4
TORMAN LEONARD LOUIS 4942 ISABELLA ST MONTREAL QUE	B ENG 2 RE 3 2658
TOCZYLOWSKA EWA TERESA 5250 MARIETTE AVE MONTREAL QUE	B A 3 HU 1 3018
TODD BARBARA ROSAMUND MACDONALD COLLEGE 80 CLYDE ST LACHUTE QUE	TCH ELEM 1
TODD JOHN HENRY MACDONALD COLLEGE 17 REDFORD ROAD R R 2 LONDON ONT	B SC AGR 1
TODD MARGARET LUCY 2078 ST LUKE ST MONTREAL QUE	PARTIAL WE 7 7558
TOLENSKY IRWIN VICTOR 5742 MOUNTAIN SIGHTS AVE MONTREAL QUE	B SC 1 RE 7 4996
TOLLE PAUL ERNESTO 3460 SIMPSON ST APT 508 MONTREAL QUE	L L M 1 WE 7 1339
TOLMIE JOHN DUNCAN QUEEN ELIZABETH HOSPITAL MONTREAL QUE	MD CM 3 DE 3571
TOLP HELEN ELIZABETH MACDONALD COLLEGE 89 N ROCKWOOD AVE PORT ARTHUR ONT	B SC H EC 3
TOMASCHA FRANK VICTOR 70 WESTMINSTER ST MTL W 405 OXFORD ST HALIFAX N S	PH D 2 DE 6080
TOMITA FRANK MASAYASU 9777 ST CHARLES AVE MONTREAL QUE	B ENG MET 4 DU 7 2977
TOMLIN MARGARET LOUISE 495 PRINCE ARTHUR ST W APT 6 MONTREAL QUE	B SC 2 BE 6408
TOMLINSON JOHN EDWARD 335 HAWTHORNE AVE LONGUEUIL QUE	B ENG 2 OR 4 4864
TOMLINSON ROGER FRANK MCGILL SUB ARTIC RES KNOB LAKE QUE	M SC 1
TOMLINSON WILLIAM S DOUGLAS HALL 122 FARRAND ST PORT ARTHUR ONT	B ENG 1
TOMPKINS KENNETH ALLAN 1455 DRUMMOND ST APT 409 528 SO 26TH COLO SPRINGS COLO U S A	PARTIAL VI 9 3123
TONCHIN JOHN BERNARD 5046 ST URBAIN ST MONTREAL QUE	D D S 4 CR 9 8944
TONKIN ROGER SHERRIFF 4230 ROYAL AVE N D G MONTREAL QUE	PARTIAL DE 2441
TOOKONG LLOYD BENJAMIN 3482A PEEL ST MONTREAL QUE	B SC 1
TOOMEY FRANCES MONA ROYAL VICTORIA HOSPITAL 28 ORCHARD ROAD KENTVILLE N S	GR N CERT 1
TOOR TEJ PARKASH SINGH 3561 LORNE AVE MONTREAL QUE	B ENG 2
TOPOLSKI RICHARD 4047 MACKENZIE ST COTE DES NEIGES MONTREAL QUE	B SC 3 RE 3 3106
TOPOROWSKI BERNARD PAUL 3234 ST ZOTIQUE ST MONTREAL QUE	B ENG CIV 5 RA 2 8667

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
TORNAY EDGAR 3241 FOREST HILL APT 19 MONTREAL QUE	B ARCH 6 RE 1 2091
TOUCHIE DORIS ANN STEWART HALL RM 137 MACDONALD COLLEGE P O BOX 1207 129 CHAMPLAIN BAIE COMEAU QUE	TCH ELEM 2
TOUGH JEAN MARILYN 3465 SIMPSON ST MTL 252 MORTIMER AVE TORONTO 6 ONT	GR N CERT 1 WE 5 0333
TOUSSIEH CLAUDETTE SARA ROYAL VICTORIA COLLEGE P O BOX 1236 PANAMA R P	B SC 1 BE 0675
TOUZEL MATILDA ROYAL VICTORIA COLLEGE 921 HILLCREST FT WORTH TEXAS U S A	B A 1 PL 0829
TOWERS DONALD ROBERT 3424 PEEL ST APT 19 MONTREAL QUE	B SC 3 VI 5 5914
TOWN PENELOPE ANN MIMI ROYAL VICTORIA COLLEGE R WILLARD AVE MOUNT VERNON N Y U S A	B SC 2 PL 0334
TOWNSEND EDITH E 4250 MARCIL AVE APT 1 MONTREAL 28 QUE	PH D 3 HU 1 4287
TOWNSEND PAUL ALBERT R 50 FRANKLIN AVE TOWN OF MT ROYAL QUE	B A 1 RE R 1857
TOWNSHEND RUTH EVELYN 262 FIRST ST ST LAMBERT QUE	M S W 2 OR 1 1403
TOYE NORMAN 248 RICHELIEU ST ST JOHNS QUE	3 ENG EL 4
TRACHEWSKY DANIEL 3483 HUTCHISON ST MONTREAL QUE	B SC 1 RE 1388
TRAINOR JOHN DAVID 454 STRATHCONA AVE WESTMOUNT QUE	B COM 2 WE 7 3230
TRASLER DAPHNE GAY 750 44TH AVE LACHINE QUE	PH D 4 ME 7 8053
TRAVES PETER JOHN ANTHONY 595 DAWSON AVE TOWN OF MT ROYAL QUE	B SC 3 RE R 3596
TRAYNOR EDWARD ANDREW M 691 FIFTH AVE VERDUN QUE	B ENG MCH 5 PO 6 0945
TREEN GRACE NOREEN MCLENNAN HALL MALAGASH CUMB CO N S	PHYSIOTH 3 PL 0044
TREGENZA ALAN FREDERICK 355 MERTON AVE ST LAMBERT QUE	B ENG MCH 4 OR 1 0460
TRETTIN HANS PETER 2650 MC GILL COLLEGE AVE 5550 KINGSTON ROAD VANCOUVER B C	PARTIAL
TRIANDAFILLOV PANDELIS N P O BOX 3000 MACDONALD COLLEGE	B SC AGR 3
TRIANTAFILLIDIS GERASIMOS 2020 VICTORIA ST APT 12A MONTREAL QUE	B ENG 2 BE 6815
TRIANTAFILLIDOU MARY 2020 VICTORIA ST APT 12A 17 VASILISSIS SOPHIAS ST ATHENS GREECE	B A 3 BE 6815
TRICKEY KENNETH WELTON 3473 UNIVERSITY ST MTL 145 BARRON AVE LACHUTE QUE	B D 3
TRILLER HENRY 2155 MAPLEWOOD AVE MONTREAL QUE	B SC 2 RE 3 7071
TRISCHUK JOHN MICHAEL 454 BRIXTON AVE ST LAMBERT QUE	B ENG 2
TROFIMIAK ANNA MARY 6340 10TH AVE MONTREAL 36 QUE	B A 4 RA 2 9550
TROTTIER MICHEL ANDRE J 6003 WILDERTON MONTREAL 26 QUE	B ENG 1 RE R 0757
TROUT JOAN GWENDOLYN MCLENNAN HALL 11024 84TH AVE EDMONTON ALTA	B L S 1 PL 0044
TRUDEL REAL 6286 1ST AVE MONTREAL 36 QUE	B C L 1 RA 7 2513
TRUDELLE RENE 3640 DUROCHER ST APT 15 ST ADELPHE CO CHAMPLAIN QUE	B ENG MCH 4 PL 6500
TRUJILLO LEON 80 PINE AVE W APT 404 AVE EL CORTIJO 49 LOS ROSALES CARACAS VENEZUELA	B ENG 2 VI 5 5173
TRUMP RONALD STEPHEN 447 BALL AVE W MONTREAL QUE	B ENG CH 3 CR 9 6192
TRUNKEY FRANKLIN MCATEE 3654 HUTCHISON ST MTL W 469 SHOSHONE PLACE SPOKANE 41 WASH U S A	MD CM 2 VI 5 4468
TRUSSLER DAVID GEORGE DOUGLAS HALL MTL 824 BOURKE ST NORTH BAY ONT	B ENG 2
TRYON HELEN CLARE 1890 LAVAL ROAD VILLE ST LAURENT QUE	R SC N 1 RI 7 3428
TSANG PAK WAI 3511 UNIVERSITY ST MTL 2 KAI YUEN TERRACE 2ND FLOOR NORTH POINT HONG KONG	B SC 1
TSAO JULIA IMELDA MARIA ROYAL VICTORIA COLLEGE 4 PERKINS ROAD HONG KONG	B SC 2 VI 9 0030
TSIGARIDAS THOMAS 5730 ST LAURENT BLVD APT 13 MONTREAL QUE	B ENG 1 CR 2 2731
TSOLAKIS GEORGE 1476 MORGAN BLVD APT 4 MONTREAL QUE	R ENG COM 5 CL 5 5426
TUCHNER MARCEL 5820 HUTCHISON ST APT 3 MONTREAL QUE	B ENG 1 CR 1 0783
TUCKER CLIFFORD ELRIE 3602 DUROCHER ST APT 6 5 PRESCOTT ALLEY EAST DRY RIVER PORT OF SPAIN TRINIDAD B W I	MD CM 1 PL 4027
TUCKER ERIC CLINTON 3602 DUROCHER ST APT 6 5 PRESCOTT ALLEY EAST DRY RIVER TRINIDAD B W I	MD CM 1 PL 4027

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
TUCKER HELEN GLEN 352 KENSINGTON AVE WESTMOUNT QUE	B A 3 WE 5 7797
TUCKER MARGARET CLAIRE 4538 OXFORD AVE N D G MONTREAL QUE	B A 4 DE 3304
TUCKER NORMA JANE 135 KENASTON AVE MONTREAL 16 QUE	B SC N 2 RE 9 0340
TUCKER RAE ENID 3265 CADILLAC ST MTL NO 5 PRESCOTT ALLEY EAST DRY RIVER PORT OF SPAIN TRINIDAD B W I	B A 3 CL 9 3570
TUCKER ROSS MCDONALD DOUGLAS HALL 30 LAWRENCE DRIVE MADISON N J U S A	MD CM 4
TUCKER WILLIAM ROBERT 4538 OXFORD AVE N D G MONTREAL QUE	B ENG MCH 3 DE 3304
TUER PETER FREDERICK 3433 PEEL ST APT 3 MTL 22 WARD ST PORT HOPE ONT	M A 1 AV 8 0678
TULCHINSKY ALEXANDRA ALA 3221 FOREST HILL AVE MONTREAL QUE	B A 2 RE 1 5826
TULK GERALD ANDREW 3473 UNIVERSITY ST 5250 PATRICIA AVE MONTREAL 29 QUE	B D 2 VI 9 4902
TUMAS STANLEY RAYMOND 5950 25TH AVE MONTREAL 36 QUE	B ENG 2 RA 1 6190
TUNSTALL KENNETH 3456 BEACONSFIELD AVE MONTREAL 28 QUE	B SC 2 DE 6889
TURCOTTE JEAN PAUL 266 JEAN TALON ST E MONTREAL QUE	B ENG MCH 4 CR 6 5839
TURCOTTE RICHARD FRANKLIN 3474 COTE DES NEIGES APT 2A MONTREAL QUE	B A 3 WE 7 8143
TURGEL JACK 4913 SHERBROOKE ST W MONTREAL QUE	B SC 1 EL 3166
TURGEON HELENE LOUISE ROYAL VICTORIA COLLEGE BOX 38 CHARLEMAGNE QUE	B SC 1 VI 9 0030
TURGEON JEAN CLAUDE 452 MT STEPHEN AVE WESTMOUNT QUE	M SC 1 WE 7 2651
TURGEON ROGER PETER 10585 PELOQUIN ST MONTREAL QUE	B SC 1 DU 8 3247
TURIANSKI CHRISTIAN RENE 1400 RUE PLESSIS MONTREAL QUE	B A 1
TURKENIK MARLENE FRANCES 5035 MIRA RD MONTREAL QUE	B A 1 EL 2575
TURNBULL ALAN DAVID M 778 CANORA ROAD TOWN OF MT ROYAL QUE	MD CM 1 RE 1 4716
TURNBULL DAVID IAN 2990 GLENCOE AVE MONTREAL 16 QUE	B SC 4 RE 8 5960
TURNBULL DONALD ROSS 1035 DU RUISSEAU BLVD MONTREAL 9 QUE	B ENG 1 RI 4 1743
TURNBULL DOROTHY MARGARET ROYAL VICTORIA COLLEGE 142 TRUDEAU BLVD BEAUHARNOIS QUE	B A 1 PL 0829
TURNBULL JANET ELIZABETH ROYAL VICTORIA COLLEGE 142 TRUDEAU BLVD BEAUHARNOIS QUE	B SC 3 PL 0180
TURNER ALLAN CECIL 1091 BEATTY AVE VERDUN QUE	B COM 1 PO 8 0426
TURNER GAIL ETHELWYN 202 BALLANTYNE AVE N MONTREAL QUE	B ARCH 5 HU 1 3394
TURNER JOAN VIRGINIA MACDONALD COLLEGE 26 CHARLTON AVE EAST HAMILTON ONT	B SC H EC 2
TURNER MARY LOVELACE ROYAL VICTORIA COLLEGE 476 ARROWHEAD RD R R NO 1 PORT CREDIT ONT	B A 1 PL 0597
TWYMAN JOHN PAUL 5196 IBERVILLE ST MONTREAL 36 QUE	B SC 4 LA 5 2194
TYMNSKI ANDREW 3661 ST FAMILLE ST APT 48 MONTREAL QUE	PH D 3 VI 9 3106
TYRRELL MARY HELEN 7810 CURE CLERMONT AVE VILLE D ANJOU QUE	PHYSIOTH 1
TYRRELL RAOUL 3513 UNIVERSITY ST MTL DOCK HILL DEVONSHIRE BERMUDA	B ENG EL 3 VI 9 5946

U

UDD JOHN EAMAN 1444 REDPATH CRESCENT MONTREAL 25 QUE	B ENG MI 4 VI 9 4993
UDEAJA EZEAMA PHILIP BOX 78 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 2
UDEN DAVID ELLIOTT 2317 GRAND BLVD MONTREAL 28 QUE	B SC 4 DE 2835
UDITSKY JOAN LINDA 36 SUMMIT CRESCENT WESTMOUNT QUE	B A 1 HU 1 5044
UETE TETSUO C O E YAMASHITA 620 PRINCE ARTHUR ST W MONTREAL QUE	M SC 1 VI 9 0734
UFFORD JOHN RUSSELL 48 LAKESHORE DRIVE DORVAL QUE	PH D 2 ME 1 6970
UGOJI SAMUEL NLEMCHUKHU 3421 SHUTER ST MTL 19 HOSPITAL ROAD PORT HARCOURT NIGERIA WEST AFRICA	MD CM 3 BE 5550
UISKA AUSTRIS WILLIAM C O L CENNE 5280 BYRON AVE MTL BOX 1 SHERIDAN NURS CO LTD OAKVILLE ONT	B ARCH 2 HU 8 4464
ULK HELGI 1631 SELKIRK AVE MONTREAL QUE	B SC 4 WE 7 1468
ULRICH ALLAN 4426 CIRCLE ROAD MONTREAL QUE	B A 1 RE 3 4391

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
ULRICH GARY STANLEY 511 ST GERMAIN OUTREMONT QUE	RE 3 6266	B A 1
UN KENNETH KI CHEUNG 3436 DUROCHER ST APT 8 117 CAINE ROAD HONG KONG	VI 5 2616	B ENG COM 5
UNDERHILL DOROTHY ANNE 266 LANSDOWNE AVE APT 13 114 BROWNSBURG RD LACHUTE QUE	WE 7 3077	B SC P ED 3
UNG ALVAN YOU MING 4873 HUTCHISON ST MONTREAL QUE	CR 1 9523	PH D 2
UNIAT DANIEL BOHDAN 7516 QUEBEC AVE MONTREAL QUE	CR 4 7372	B ENG CIV 3
UNIKOWSKY SARAH 14 ST GEORGE ST MONTREAL QUE	TCH ELEM	1
UNNI A K R 3520 LORNE AVE APT 7 MONTREAL QUE	VI 5 2525	PH D 3
UNTERBERG MARY 4439 HARVARD AVE MONTREAL QUE	EL 8969	B A 4
UNTERBERG PAUL GEORGE 4865 HARVARD AVE MONTREAL QUE	HU H 5985	B C L 3
URMAN DOROTHY SYLVIA 2700 DARLINGTON PLACE APT 21 MONTREAL QUE	TCH ELEM RE H 8744	1
URTNOWSKI DANIEL RICHARD 5215 COTE ST CATHERINE GREEN ACRES LITTLE FALLS N J U S A	MD CM	1
URWEIDER HERBERT ANDREW 1311 PINE AVE W MTL 51 PRINCETON ST MANCHESTER CONN U S A	BE 9880	MD CM 4
URWICK EDITH BOMPAS ROYAL VICTORIA COLLEGE GRANBY CONN U S A	PL 0597	B A 1
USHER DAVID RICHARD 4792 VICTORIA AVE MONTREAL QUE	EL 9957	MD CM 4
USHER JONATHAN DAVID 378 LANSDOWNE AVE WESTMOUNT QUE	GL 3179	B A 3
USHER MICHAEL SIGMUND 7 RENFREW AVE WESTMOUNT QUE	EL 3034	B A 4
USZKAY ERNEST STEVE 5102 ORLEANS AVE MONTREAL QUE	RA 7 6884	B ENG COM 5
UTSAL JACK 5340 ST IGNATIUS AVE MONTREAL 29 QUE	HU H 6228	B ENG 2

V

VACHMAN MORDECAI 5330 WAVERLY ST MONTREAL 14 QUE	CR 9 6691	B ENG 1
VACHON GUY 3601 UNIVERSITY ST MTL CHUTE A BLONDEAU ONT	RE 0046	B ENG CIV 4
VACHON GUY HENRI 1934 DU BOIS MONTREAL QUE	PO 6 6627	B ENG 2
VACHON JOHN THOMAS LEON 439 ST JOSEPH BLVD W 264 FOURTH AVE OTTAWA ONT	CR 4 6754	
VADASZ LESLIE 5180 QUEEN MARY ROAD MONTREAL QUE		B ENG 2
VAILLANCOURT JACQUES A A 10920 ESPLANADE AVE MONTREAL QUE		B ENG PWR 5
VAILLANCOURT JEAN CLAUDE 145 PARC LAVAL DES RAPIDES QUE	MU 1 4943	B ENG 2
VALDMANIS GUNDARS 574 ROSLYN AVE WESTMOUNT QUE	DE 0712	B SC 1
VALENTIN ROBERT WILLIAM 6308 GODFREY AVE MONTREAL 28 QUE	EL 1750	B ENG 1
VALENTINE BARRY 114 CHARLES VALOIS QUE	PL 0522	S T M 1
VALENTINE JANET ANNE 1620 SELKIRK ST APT 2 2906 MONTCALM CRES CALGARY ALTA	WE 7 7378	M S W 1
VALI NAZEER AHMED 532 WILTON ST APT 11 MTL 5 L NO 8TH ST OLD POOR HOUSE ROAD BANGALORE INDIA	BE 0324	PH D 2
VALIN JEAN MARIE VIANNEY 5891 SHERBROOKE ST WEST APT 2 MONTREAL 300 STE FAMILLE ST CHICOUTIMI QUE	EL 8228	B ENG MET 3
VALLANCE PAMELA MARGARET BOX 950 MACDONALD COLLEGE 609 SMART AVE MONTREAL 29 QUE		TCH INT 2
VALLERAND CLAUDE 410 PRINCE ARTHUR ST W 155 GRANDE ALLEE QUEBEC QUE	VI 5 1088	B ENG EL 4
VALOIS JEAN PIERRE 26 SPRINGGROVE CRESCENT MONTREAL 8 QUE	CR 1 8705	B ENG CIV 3
VAMOS EDWARD GEORGE 419 PRINCE ARTHUR ST W R R 4 BRANTFORD ONT		B ENG 2
VAMPLEW DARRAGH 3025 SHERBROOKE ST APT 42A MONTREAL QUE	WE 2 9160	B A 2
VAN ALSTYNE HUGH MORTON PRESBYTERIAN COLLEGE		B ENG CH 4
VAN ALSTYNE WILLIAM R QUEEN ELIZABETH HOSPITAL MONTREAL QUE	DE 3871	MD CM 3
VAN CRAEBEEK FRANK MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE		B SC AGR 4
VAN GEORGE PAUL DOUGLAS HALL		B SC 1
VAN DE WETERING HYLKE MACDONALD COLLEGE		B SC AGR 3
VAN DER BELLEN LIANA 3450 DUROCHER ST APT 25 MONTREAL QUE	VI 9 4317	M L S 2
VAN DER LINDEN MARY G 304 89TH AVE LABORD A PLOUFFE QUE	MU 1 5762	D P H 1
VANDERVALK LOUIS JEAN MACDONALD COLLEGE BOX 77 BONDVILLE QUE		AG AD DIP 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
VAN DUSEN DARWIN SHERRIFF 3564 HUTCHISON ST MTL 186 CHATHAM ST BRANTFORD ONT	B ENG MCH 5
VAN GELDER NICO MICHEL 4796 VICTORIA AVE MONTREAL QUE	PH D 2 HU 9 5128
VAN GOUDOEVER ELIZA J 3508 UNIVERSITY ST MTL THE VANSE DUNDEE QUE	B D 3
VAN INGEN ROBERT 3434 MCTAVISH ST MONTREAL QUE	B SC 3 PL 4492
VAN LOON JOHN BERNARD H M MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
VAN OORDT CHRISTINE H ROYAL VICTORIA COLLEGE 139 FARNHAM AVE TORONTO 7 ONT	B A 2 VI 9 0858
VAN PELT JACQUES ANTON J MACDONALD COLLEGE MUNNIKHOF DEEST GLO THE NETHERLANDS	B SC P ED 1
VAN RUND GERT 134 ST CHARLES ST W LONGUEUIL QUE EAGLESHAM P O KISII KENYA COLONY E AFRICA	MUS B 3 OR 4 6618
VAN WALBEEK WILHELMINA MCLENNAN HALL	B SC 3 PL 0044
VANAGAS JOSEPH CHARLES 6317 DES ECORES ST MONTREAL 36 QUE	B ENG 2 RA 1 4460
VANDEN BERGH RICHARD L 495 PRINCE ARTHUR APT 27 THE FOLLY ST JAMES BARBADOS B W I	MD CM 3
VARDANIS ALEXANDRE 7000 HUTCHISON ST APT 3 MONTREAL QUE	PH D 2 CR 7 3781
VARGA LASZLO 3585 LORNE AVE MTL 326 MAIN ST WINCHESTER MASS U S A	MD CM 3
VARI CLARA 3330 GOYER APT 4 MONTREAL QUE	B ARCH 5 RE 1 5936
VARVARO ANGELO ANTHONY 8375 QUERBES AVE MONTREAL QUE	B ENG 2 CR 6 7427
VASILKIOTI ALEXANDER 5630 DUNMORE AVE MONTREAL QUE	B ENG 2 RE H 9304
VASILKIOTI FHANKLIN M 5628 DUNMORE AVE MONTREAL QUE	B A 4 RE H 0860
VASOS PETER 424 ST JOSEPH BLVD WEST OUTREMONT QUE	B ENG 2 CR 9 3876
VASQUEZ CRISTINA JOSEFINA 1455 DRUMMOND ST APT 313 MONTREAL QUE	B COM 4 BE 1656
VAUCROSSON NOEL VICTOR A 3538 HUTCHISON ST MTL 14 MEYLER ST BELMONT PORT OF SPAIN TRINIDAD B W I	B ARCH 2 VI 9 0611
VAUTIER ROSEMARY AILSA 1523 DUCHARME AVE OUTREMONT QUE	B A 4 CR 2 5434
VAUTOUR JOHN BAPTIST 167 ROCKLAND ROAD SAINT JOHN N B	B ENG CIV 4
VEGH LADIS JULIAN 8620 BIRNAM ST MONTREAL 15 QUE	B COM 2 CR 9 3564
VELDI PIRET 8181 23RD AVE VILLE ST MICHEL QUE	B A 2 RA 7 2412
VENDITTI GIACINTO G 2565 DARLING ST MONTREAL QUE	B ENG 1 LA 6 6966
VENEZIAN EMILIO CESARE 4911 FULTON ST MONTREAL QUE	B ENG CH 5 RE 1 6598
VENEZIAN GIULIO VITALE S 4911 FULTON ST MTL 23 C O P O BOX 458 QUITO ECUADOR	B ENG PHY 3 RE 1 6598
VENIS HELEN FRANCES 4514 CIRCLE ROAD MONTREAL QUE	B A 1 RE 7 0409
VENYAH KOMLA LAWRENCE 539 PRINCE ARTHUR ST W BOX 12 LIKPE BAKUA GHANA WEST AFRICA	B ENG 1
VERA ORESTES CRISTIAN L 3484 DUROCHER ST APT 211 MONTREAL QUE	MED DIPL 1 BE 7979
VERBEKE GENTIL JULES O 3600 UNIVERSITY ST MONTREAL QUE	PH D 4 AV H 6307
VERGIL ARMAND JOHN 7400 CHURCHILL AVE VERDUN QUE	B ENG 1 PO H 2709
VERREAULT MARC ALBERT 485 SHERBROOKE ST W MTL 73 D AUTEIL ST QUEBEC QUE	B ENG MI 3 VI 5 0734
VERWAAY HENDRIK A DOUGLAS HALL C O MADSEN EXP IMP S A PORT AU PRINCE HAITI	B COM 2 BE 0977
VESELY JOSEPH MACDONALD COLLEGE 2084 TRENHOLME AVE APT 1 MONTREAL QUE	B SC AGR 3
VESPRY HORACE ARTHUR 1477 CHOMEDY ST APT 2 88 EDWARD ST PORT OF SPAIN TRINIDAD B W I	B L S 1 WE 7 4794
VEVERKA JOSEPH FREDERICK DOUGLAS HALL 1632 W 22 DES MOINES 10 IOWA U S A	MD CM 3
VEYRON PIERRE CLAUDE E 1900 TUPPER ST APT 5 MTL 54 AVE DU G 1 LECLERC LE PECQ S ER O FRANCE	B ENG 2
VEZINA JEAN 56 BALFOUR AVE TOWN OF MT ROYAL QUE	B ENG 2 RE H 4098
VICAS ALEXANDER GEORGE 5915 12TH AVE MONTREAL 36 QUE	B COM 2 RA 2 6134
VICTOR EDWARD 3102 BRIGHTON AVE MONTREAL QUE	B COM 1 RE H 1433
VICTOR HYMAN STEPHEN 1441 DRUMMOND ST MTL 5 WEST 63RD ST NEW YORK 23 N Y U S A	B SC 3 VI 9 4171

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
VIDA JUDITH MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 1
VIDA ZSUZSANNA MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 1
VIDAL RUTH FRANCES 645 PRINCE ARTHUR ST W C O MRS N A FAIRHEAD 75 HIGHLAND CRESCENT WILLOWDALE ONT	GR N CERT 1 BE 5422
VIDETIC MARTIN 4455 LASALLE BLVD VERDUN 10 B AVE NORANDA QUE	B ENG MCH 4
VIGNEAULT ROBERT 144 WILLIBRORD VERDUN QUE	B ENG 2 PO 9 2788
VIKANDER LARS ERIK 69 FRANKLIN AVE MONTREAL 16 QUE	B ENG 1 RE 1 1076
VILLANI DANTE ANTHONY R C O LABERGE 418 PINE AVE W APT 15 270 WHITE ST SPRINGFIELD 8 MASSACHUSETTS U S A	D D S 1 VI 5 8798
VINARIC JOSEPH 3540 COTE ST CATHERINE APT 3 MONTREAL QUE	B SC 2 RE 3 0324
VINE CAROLYN ANN MACDONALD COLLEGE 11 BRIDGE ST E NAPANEE ONT	B SC H EC 3
VINEBERG STEPHEN A 24 SUMMIT CRES MONTREAL QUE	B COM 4 DE 2765
VINER ELLEN FRANCES 4895 COTE ST CATHERINE MONTREAL QUE	B A 2 RE 7 1487
VINEY LOLA EDITH B MACDONALD COLLEGE 169A LAURIER AVE BOURLAMAQUE QUE	B SC H EC 3
VINEY MARIE BELLE YVETTE MACDONALD COLLEGE 169A LAURIER AVE BOURLAMAQUE QUE	B SC H EC 2
VISPO RAUL HORACIO 3501 PEEL ST APT 5H MTL SANTA FE 2149 BUENOS AIRES ARGENTINE	MED DIPL 3 VI 5 4327
VITA EVA EMILY ELIZABETH 5182 CAVENDISH BLVD N D G MONTREAL QUE	TCH ELEM 1 HU H 5028
VIVIAN DOUGLAS ALAN 3569 ST FAMILLE ST MTL STANSTEAD QUE	B ENG CH 3 PL 2H96
VIVIAN FREIDA LOUISE MACDONALD COLLEGE STANSTEAD QUE	B SC H EC 4
VLAHOS JOHN 681 JARRY W APT 1 MONTREAL QUE	B ENG 2
VOGEL ROBERT 5800 COOLBROOK AVE MONTREAL QUE	PH D 4 RE 7 0822
VOGEL SILVIA 5800 COOLBROOK AVE MONTREAL QUE	M A 3 RE 7 0822
VOLLO NELS BERGER R R 2 ST HENRI DE MASCOUCHE BOX 134 CHIBOUGAMAU QUE	M SC 1
VOLTERRA VITO JOHN 3653 UNIVERSITY ST MTL VIA PORTA PINCIANA 6 ROME ITALY	B ENG MCH 5 PL 2073
VON FIRCKS MONIKA 4934 PONSARD AVE MONTREAL QUE	B A 4 HU 1 7188
VON SCHELIHA WALTER WOLFF 11 HAZELWOOD AVE OUTREMONT QUE	B COM 4 RE H 7729
VON ZUBEN FREDERICK G 300 SHERBROOKE ST E MTL 43 WINTEMUTE ST FORT ERIE ONT	B ENG 1
VOORHIS GRETCHEN CHAPIN ROYAL VICTORIA COLLEGE WESTPORT ROAD WILTON CONN U S A	B A 2 PL 0334
VORSTER DE WET STOCKSTROM RENARD HOSPITAL ST LOUIS MO U S A 11 CRESCENT PINELANDS CAPETOWN S AFRICA	MED DIPL 3
VOSNIADES ORPHEUS 3490 COLONIAL AVE MONTREAL QUE	B ENG MCH 5 AV H H5A1
VOSS BRIAN ERIC 55 DESLAURIERS AVE ST GENEVIEVE QUE	B ENG 1 RI H H634
VUCKOVIC ARSEN GEORGE CAUGHNAWAGA QUE	B ENG COM 5 ME 7 0606
VULKOVIC NICOLA 3565 DUROCHER ST APT 15 MONTREAL QUE	M A 2 VI 5 2083

W

WACE DAPHNE BOX 950 MACDONALD COLLEGE 128 SICILY DRIVE FORT HENRY HEIGHTS ONT	TCH INT 2
WADDELL MARION HELEN MACDONALD COLLEGE BOX 23 METCALFE ONT	B SC H EC 1
WADDELL ROBERT WILLIAM 3015 GRAHAM BLVD TOWN OF MT ROYAL QUE	B SC 2 RE H H367
WADSWORTH DAVID CAMPBELL 159 BROCK AVE N MONTREAL WEST QUE	B C L 3 DE 7470
WAHLSTROM ROBERT ALLAN 556 STANSTEAD AVE MONTREAL 16 QUE	B ENG MCH 5 RE 7 4123
WAHTER LINDA 320 9TH AVE VILLE LASALLE QUE	B A 4 PO H 4567
WAINBERG ALLAN SANDER 5011 ROSLYN AVE MONTREAL QUE	D D S 3
WAINRIB BARBARA 5077 CUMBERLAND AVE MONTREAL QUE	M SC 1 HU 9 5814
WAIT PATRICIA ANNE ROYAL VICTORIA COLLEGE 95 ARKLEDUN AVE HAMILTON ONT	B A 1 PL 0H47
WAIT PHILIP ANTHONY 4050 GAGE ROAD MONTREAL QUE	B A 2 WE 5 2576
WAJS ISAAC 7673 15TH AVE VILLE ST MICHEL QUE	B ENG EL 3 RA H 0038

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WAKEM LAWLOR AUGUSTUS H 133 VICTORIA AVE LONGUEUIL QUE	B ENG 1 OR 4 6590
WAKSMAN SAMUEL 3485 HUTCHISON ST MONTREAL QUE	M S W 1 RE 0797
WALCOTT EDWARD LISLE MACDONALD COLLEGE THE ROCK SPOONERS HILL SAINT MICHAEL BARBADOS B W I	B SC AGR 1
WALCOTT MICHAEL JAMES 10 BURTON AVE WSTMT THE ROCK SPOONERS HILL SAINT MICHAEL BARBADOS B W I	B COM 1
WALDER PIERRE 1814 LAJOIE AVE MONTREAL 8 QUE	B ENG 1 CR 6 7568
WALDOCK HILARY MACDONALD COLLEGE 1364 AVE DES PINS SILLERY QUE	B SC H EC 1
WALDRON KEITH CLIFFORD 44 12TH AVE ROXBORO QUE	B ENG EL 3
WALDRON MARK WOODSWORTH MACDONALD COLLEGE EAST CLIFTON QUE	B SC AGR 3
WALFORD DORICE CONSTANCE 3456 GREY AVE N D G MONTREAL QUE	M ARCH 1 HU 9 4108
WALKE LACEY BOX 148 MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
WALKER ALLAN MALCOLM MACDONALD COLLEGE 527 LOGAN ST ST LAMBERT QUE	B SC AGR 2
WALKER CAROLE ANNE 4150 SIR GEO SIMPSON LACHINE QUE	B COM 4 ME 7 6215
WALKER FRANK ALEXANDER 3851 UNIVERSITY ST MTL 2478 23RD AVE SAN FRANCISCO 16 CALIF U S A	MD CM 3 AV 8 7630
WALKER HUGH DOUGLAS 11 OAKLAND AVE WESTMOUNT QUE	B A 3 HU 8 8793
WALKER JACK MALCOLM C O MRS J BUCHANAN 3455 SHUTER ST MONTREAL QUE	B ENG 1
WALKER JAMES DOUGLAS 4901 MAYFAIR AVE MTL R R 3 CARBONDALE ILL U S A	MD CM 1
WALKER JANE DE BRISAY 95 DUFFERIN ROAD HAMPSTEAD QUE	PHYSIOTH 1 DE 0706
WALKER LOUIS ASTLEY MACDONALD COLLEGE 10 RETIREMENT ROAD CROSS ROADS P O JAMAICA B W I	B SC AGR 2
WALKER MARLEINE JOY ROYAL VICTORIA COLLEGE 57 DIVISION ST OSHAWA ONT	B A 3 PL 0833
WALKER MARY JUDITH EDEN 23 ANWOTH RD WESTMOUNT QUE	B A 1 WE 2 2441
WALKER MICHAEL BARRY WILSON HALL 3507 VICTORIA AVE REGINA SASK	B ENG 2 RE 0624
WALKER WILLIAM IMRIE 4060 KENT AVE MONTREAL QUE	B ENG CH 4 RE 8 4497
WALKOVICH PETER 9251 14TH AVE VILLE ST MICHEL QUE	MD CM 3
WALLACE JOHN CAMFRON 4954 CONNAUGHT AVE MONTREAL 29 QUE	B COM 3
WALLACE JOHN KEITH DOUGLAS HALL 37 KIRK ST FARNHAM QUE	B ENG 1
WALLACE JUDITH ELEANOR ST BRUNO ASSN ST BRUNO QUE	PHYSIOTH 5 OL 3 6330
WALLACE LENA GRACE 52 KILKWOOD AVE BEACONSFIELD QUE	TCH ELEM 1
WALLACE RALPH SPARLING BOX 3000 MACDONALD COLLEGE BOX 574 WATERLOO QUE	B SC AGR 4
WALLACE WILLIAM HERBERT 3592 UNIVERSITY ST MTL 362 GENEVA ST SUDBURY ONT	B ENG CH 3
WALLIS ALAN EDWIN 5140 BEACONSFIELD AVE MONTREAL QUE	B ENG 1 HU 1 8757
WALLIS ALEXANDRA HADEN 1321 SHERBROOKE ST W MONTREAL QUE	B A 1 AV 8 5160
WALLWORK DAVID GILBERT 73 LAGACE AVE STRATHMORE QUE	B ENG EL 4 ME 1 8168
WALSH BRYAN RICHARD 215 DES BOIS CRESCENT ROSEMERE QUE	B ENG COM 5 TA 7 4135
WALSH GEORGE ALFRED 5220 BEACONSFIELD AVE MONTREAL QUE	B SC 1
WALSH HENRY GEORGE 5095 HAMPTON AVE N D G MONTREAL QUE	B ENG 2 EL 6328
WALSH PAMELA JOAN MACDONALD COLLEGE	B SC H EC 3
WALSH VALERIE D 548 PRINCE ARTHUR ST W 27 ELIZABETH ST PITTSFIELD MASS U S A	M A 1 PL 0877
WALTER MARTIN LYLE B 3463 SHUTER ST APT 1 MTL C O BANK OF MONTREAL 2001 PEEL ST MONTREAL QUE	B COM 4 VI 5 0746
WALTERS LAWRENCE GREGORY 3506 UNIVERSITY ST MTL 248 KING ST E BROCKVILLE ONT	B SC 4 RE 0624
WALTERS RICHARD BRUCE 3430 DRUMMOND ST MTL C O SIGMA MINES BOURLAMAQUE QUE	B ENG 1
WALTERS ROY MALCOLM 3506 UNIVERSITY ST MTL 1101 10TH ST S E CALGARY ALTA	B ENG PHY 5 RE 0624
WALTERS VICTOR LLEWELLYN 3921 BARCLAY AVE APT 6 KING ST HAMILTON BERMUDA	D D S 3 RE 1 1245

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WAN KWOK SING 3455 HUTCHISON ST MTL 24 KING S ROAD 3RD FLOOR HONG KONG	B SC 4 PL 7057
WANG ERIK B 456 PINE AVE W APT 10 MONTREAL QUE	B C L 4 PL 9061
WANG OLIA YING HWEI 3528 LORNE AVE APT 1 MTL 3420 UNIVERSITY ST MONTREAL QUE	VI 9 5125
WARANICA KARL 752 BRAULT AVE VERDUN QUE	B ENG 2 PO 7 0472
WARD ALEXANDER MUNRO BOX 2000 MACDONALD COLLEGE 60A WAVERLEY ROAD POINTE CLAIRE QUE	B SC AGR 3
WARD DAVID EDWARD MACDONALD COLLEGE 98 EDWARD ST MONCTON N B	B SC AGR 4
WARD DAVID GRAEME 3787 COTE DES NEIGES RD APT 507 MONTREAL QUE	B ENG 2 WE 5 2884
WARD HEATHER DIANE MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	TCH KIND 1
WARD JOAN 424 WOOD AVE WESTMOUNT QUE	WE 5 7153
WARD MARY ELIZABETH 170 DEVITO AVE POINTE CLAIRE QUE	TCH INT 2 OX 5 3646
WARD PAMELA JOYCE 4910 WALKLEY AVE APT 9 MONTREAL 29 QUE	M SC 1 DE 3741
WARDY BILHAH 5794A DEOM AVE MONTREAL 8 QUE	M A 1 RE 8 8996
WARE ROLAND GEORGE 3466 MCTAVISH ST MTL 5 TALBOT AVE ROCKLAND MAINE U S A	MD CM 4 AV 8 9533
WARHAFT ROSALIND EVE 5944 MCLYNN AVE MONTREAL QUE	B SC 1 RE 7 9319
WARK RONALD LACHLAN M 4346 BEACONSFIELD AVE N D G MONTREAL QUE	B ARCH 2 EL 1808
WARNER ROBERT THOMAS 3745 DUPUIS AVE APT 5 5 BROADFIELD ROAD HAMDEN CONN U S A	D D S 4 RE 3 9855
WARR BARBARA LUCY LLOYD MACDONALD COLLEGE 1360 BROWN BLVD VERDUN QUE	B SC H EC 1
WARREN JANET MARJORIE 275 51ST AVE LACHINE QUE	PHYSIOTH 4 ME 7 4335
WARREN JOHN 4126 MARCIL AVE MONTREAL 28 QUE	B SC 2 EL 1342
WARREN OLGA MARY STEWART HALL MACDONALD COLLEGE 1310 OAKWOOD ROAD ST BRUNO QUE	B SC P ED 2
WARSHAWSKI FRANCES G 955 W 10TH AVE APT 209 VANCOUVER B C	PARTIAL
WASCHER GEORGE HANS 434 DORCHESTER ST E APT 90 MTL GRAZ AUSTRIA	B ENG EL 3 VI 9 9644
WASELIUS CARLEEN E 1105 CREVIER ST VILLE ST LAURENT QUE	B A 2 RI 7 8280
WASHINGTON ROBERT A 1242 CRESCENT ST APT 5 117 BELMONT AVE OTTAWA ONT	PH D 4 UN 6 9109
WASILEWSKA CHRISTINE E 61 L ESPERANCE ST ST LAMBERT QUE	B C L 2 OR 1 7059
WASSERMAN GERALD B 3009 MAPLEWOOD AVE APT 5 MONTREAL QUE	B COM 4 RE 8 2966
WASSERMAN GORDON JOSHVA 513 GROSVENOR AVE WESTMOUNT QUE	B A 3 WE 3 9395
WASSERMAN RHODA 1625 DUCHARME AVE OUTREMONT QUE	TCH ELEM 1 CR 9 8804
WASSON DOROTHY EVA 1585 MCGREGOR ST APT 36 CUMBERLAND BAY N B	GR N CERT 1
WATANABE GRACE HIROKO ROYAL VICTORIA COLLEGE 949 HALSTON AVE N KAMLOOPS B C	B SC 2 PL 0147
WATANABE HIROKO 3237 EVELYN ST VERDUN QUE	B SC 2 PO 8 5127
WATANABE MARTHA MICHIKO ROYAL VICTORIA COLLEGE 949 HALSTON AVE R R 1 NORTH KAMLOOPS B C	B SC 4 PL 0847
WATANABE STANLEY MINORU 3556 ST DOMINIQUE ST MONTREAL QUE	B ENG 2 BE 5572
WATERS ANDREW GAVIN 1461 MOUNTAIN ST APT 4 PERSONNEL DEPT IRON ORE CO OF CAN LTD SEPT ILES QUE	B ENG COM 5 RE 8084
WATERSTON JOHN RAYMES 435 METCALFE AVE WESTMOUNT QUE	M ENG 2 WE 3 4565
WATIER MARGOT CAROL ROYAL VICTORIA COLLEGE 1650 GEORGE ST SHAWINIGAN FALLS QUE	B SC 3 PL 0265
WATSON DONALD WILFRED MACDONALD COLLEGE 57 COLVILLE ST HOWICK QUE	B SC AGR 4
WATSON ELIZABETH AGNES MACDONALD COLLEGE 2100 PARK AVE THREE RIVERS QUE	TCH ELEM 1
WATSON GEORGE GURNEY 3637 UNIVERSITY ST MTL 241 MINTO PLACE ROCKCLIFFE PARK OTTAWA ONT	B COM 4 VI 9 1736
WATSON GEORGE IAN 3456 MONTCLAIR AVE MTL HOWICK QUE	B C L 4
WATSON JAMES IAN QUEEN ELIZABETH HOSPITAL 346 BRUNSWICK ST FREDERICTON N B	MD CM 2
WATSON JOHN ANTHONY 3590 UNIVERSITY ST MTL 1620 16TH ST E CALGARY ALTA	B SC 4 VI 9 9680

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WATSON JOHN RALPH ST MUNGES MANSE R R 1 GRENVILLE QUE	PARTIAL
WATSON MAURICE CECIL 3660 DUROCHER ST APT 21 MONTREAL QUE	MED DIPL 1 BE 6892
WATSON ROBERT ANTHONY DOUGLAS HALL 69 LADY MUSGRAVE ROAD HALF WAY TREE P O JAMAICA B W I	B ENG 2 BE 0977
WATSON ROBERT LESTER MACDONALD COLLEGE R R 1 STE ANNE DE BELLEVUE QUE	B SC AGR 1
WATSON VIVIENNE JOYCE 7742 DUROCHER ST MONTREAL 15 QUE	B SC 3 CR 9 5325
WATT ANDREW TENNANT MACDONALD COLLEGE BOX 309 CHATEAUGUAY BASIN QUE	B SC AGR 3
WATT ROBERT DEAN BARNEY 315 PHANEUF ST ST JOHNS QUE	B ENG 2 FI 6 9568
WATTERS WENDELL WALLACE 695 LAURENTIAN BLVD APT 4 VILLE ST LAURENT BARNEYS RIVER STATION PICTOU CO N S	MED DIPL 1 RI 7 9300
WATTS EVELYN MINNIE 3706 PEEL ST MTL 580 SPRUCE ST WINNIPEG 10 MAN	B N 2 AV 8 2062
WATTS HOWARD NORMAN 38 BROADVIEW AVE VALOIS QUE	B SC P ED 1 OX 7 2747
WATTS JUNE FLORENCE 4556 ST CATHERINE ST W APT 10 MTL 196 WAVERLEY ST APT 5 OTTAWA ONT	M S W 1
WAUGH DAVID MACDONALD COLLEGE 11819 GRENET ST MONTREAL 9 QUE	EDUCATION 1
WAX FRED 5585 BORDEN AVE TOWN OF COTE ST LUC QUE	B COM 3 DE 8926
WAX HERBERT LIONEL 543 CHESTER TOWN OF MT ROYAL QUE	B ENG EL 3 RE 8 2855
WAXMAN MARVIN BENJAMIN M 5342 MACDONALD AVE MONTREAL QUE	B SC 3 EL 2029
WAXMAN NORMAN LEONARD 18 LYNCROFT ROAD HAMPSTEAD QUE	B A 2 HU 1 1325
WAY ROLAND CLIFTON KEAN 3445 PEEL ST MTL FLOWER S COVE NFLD	MD CM 4 VI 5 9462
WAYLAND CATHERINE ANN ROYAL VICTORIA COLLEGE 335 ST ALPHONSE ST W THETFORD MINES QUE	B A 1 PL 0847
WEARING JOHN ROBERT 17 ABBOTSFORD AVE CHATEAUGUAY BASIN QUE	B ENG 1 OI 7 6160
WEARY ROBERT FREDERICK 3485 MCTAVISH ST MTL ANNAPOLIS ROYAL N S	B ENG CH 4 VI 9 0141
WEAVER MYRNA JUNE BOX 950 MACDONALD COLLEGE 118 KING ST E HAMILTON ONT	B SC P ED 2
WEAVER RALPH SHERMAN 3600 UNIVERSITY ST MTL DOAKTOWN N B	M SC 2 AV 8 6307
WEBB ANTHONY AUGUSTUS S 1947 TUPPER ST APT 3 MONTREAL QUE	B COM 2 WE 2 5552
WEBB BARBARA MARION MCLENNAN HALL 19 NORWOOD ST HALIFAX N S	PHYSIOTH 2 VI 9 0580
WEBB DAVID CHARLES N 3015 SHERBROOKE ST W APT 402 MONTREAL QUE	B A 3 WE 2 4889
WEBB HELEN BARBARA 48 DOBIE AVE TOWN OF MT ROYAL QUE	MD CM 2 RE 1 1620
WEBB TOM 3619 OXENDEN AVE APT 6 MONTREAL QUE	PH D 4 BE 2430
WEBBER CHRISTOPHER JOHN 3746 JEANNE MANCE ST APT 1 MONTREAL QUE	B A 4 MA 9768
WEBER BARBARA 741 STUART AVE OUTREMONT QUE	B A 1 CR 7 8809
WEBERSPIEL MAX 4859 HUTCHISON ST MONTREAL QUE	B ARCH 3 CR 9 0501
WEBSTER CLINTON MELVIN 3609 HUTCHISON ST MTL ISLINGTON JAMAICA B W I	B ENG MI 3
WEBSTER DESMOND MAURICE MONTREAL GENERAL HOSP CEDAR AVE MONTREAL QUE	MED DIPL 3 WE 7 6011
WEBSTER ELEANOR IRENE 75 BALLANTYNE AVE N MONTREAL WEST QUE	B SC N 2 DE 8661
WEBSTER ELIZABETH DAWSON MACDONALD COLLEGE P O BOX 815 STATION B MONTREAL 2 QUE	TCH ELEM 1
WEBSTER SUSAN MURIEL 621 CLARKE AVE WESTMOUNT QUE	B COM 1 WE 3 2820
WEDGWOOD JOHN JULIAN C O MRS KENNEDY 3441 HINGSTON AVE MTL LEITH HILL PLACE DORKING SURREY ENGLAND	B COM 1 DE 1239
WEEKS LINDA SUSAN 111 CHESTNUT DRIVE BAIE D URFEE QUE	B SC AGR 1
WEIDLER PHYLLIS JANE ROYAL VICTORIA COLLEGE 4 GERMANTOWN PIKE PLYMOUTH MEETING PA U S A	B SC N 1 PL 0597
WEIN MARCEL 866 STUART AVE MONTREAL 8 QUE	B ENG PHY 5
WEINBERG YONAH LUCILLE 4617 HUTCHISON ST APT 11 MONTREAL QUE	B SC 2 CR 2 5518
WEINER ROSE 517 DAVAAR AVE OUTREMONT QUE	M S W 1 CR 2 3788
WEINLANDER GERARD HENDRIK 11365 ROSALIE ST MONTREAL QUE	D D S 1 RI 4 0587
WEINSTEIN FREDERICK 481 PRINCE ARTHUR ST W 4605 HUTCHISON ST MONTREAL QUE	B ENG MCH 3 AV 8 7773 CR 1 9684

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WEINSTEIN HERBERT 4855 COTE ST CATHERINE APT 12 MONTREAL QUE	M S W 2 RE 1 4692
WEINSTEIN SANDRA 4990 DORNAL AVE MONTREAL QUE	PHYSIOTH 3 RE 1 5463
WEINSTEIN STEPHEN MAURICE 3483 PEEL ST MTL 670 ARGYLE ST SHERBROOKE QUE	B COM 1
WEINSTOCK EMILY NAOMI 5205 DUROCHER AVE OUTREMONT QUE	B SC 4 CR 7 4565
WEIR BRYCE KEITH A 2550 GRANBY PLACE APT 302 MONTREAL QUE	MD CM 2 CL 6 2276
WEIR ROBERT ORMSBY 6310 COOLBROOK AVE MONTREAL 29 QUE	B ENG MCH 5 RE 3 4727
WEISBROT TINA MACDONALD COLLEGE 7 LYNCROFT ST HAMPSTEAD QUE	TCH ELEM 1
WEISER ROBERT DAVID 460 OUTREMONT AVE MONTREAL 8 QUE	B COM 4 CR 9 4100
WEISS ABRAHAM 1440 BERNARD APT 12 MONTREAL QUE	M SC 1 CR 4 8070
WEISS CLARA 5820 DECELLES PLACE APT 19 MONTREAL QUE	B ENG 2 RE 3 8053
WEISS DAVID STEPHEN 475 63RD AVE L ABORD A PLOUFFE QUE	B ENG MCH 3 MU 1 4340
WEISS FRED MORRIS 2855 BEDFORD ROAD MONTREAL 26 QUE	B ENG 1 RE 1 5703
WEISS GEORGE RUPRECHT A 4200 DUPUIS AVE APT 12 MONTREAL QUE	B ENG CH 3 RE 1 6378
WEISS MICHAEL 3445 DECARIE BLVD MONTREAL QUE	M SC 2 HU 9 1407
WEISSHUHN PETER 2 CANTERBURY PARK PTE CLAIRE QUE	B ENG 1 OX 5 9486
WEISSMAN HORIA HARRY 7921 WAVELL RD MONTREAL QUE	B A 1 HU 8 3018
WEISZ ELAINE 5951 PARK AVE MONTREAL QUE	B SC 3 CR 7 7408
WEITZ ESTHER NORMA 4145 SHERBROOKE ST W MONTREAL QUE	EDUCATION 1
WELCH DONALD ERNEST 3431 DRUMMOND ST MTL 466 RIVERDALE AVE OTTAWA ONT	B ENG 2 VI 9 0243
WELCHER BURTON HERBERT 3555 UNIVERSITY ST MTL 602 AVENUE T BROOKLYN 23 N Y U S A	MD CM 1
WELCHER MARITA 3555 UNIVERSITY ST MONTREAL QUE	TCH ELEM 1
WELCHNER MATTHIAS 8995 DE REIMS ST MONTREAL QUE	B ARCH 5 DU 8 2887
WELDON PETER ROBERT 288 DE L EPEE AVE OUTREMONT QUE	B SC 3 CR 9 2088
WELDON PHYLLIS EDITH 288 DE L EPEE AVE OUTREMONT QUE	B A 1 CR 9 2088
WELHAM DORIS 5737 HUDSON ROAD APT 2 MONTREAL QUE	M A 2 RE 3 3710
WELLEN MORTON FRANK 866 DOLLARD AVE OUTREMONT QUE	B ARCH 2 CR 9 0364
WELLER JUDITH ANN 3484 DUROCHER ST APT 210 CHURN CREEK FARM GOSHEN NEW YORK U S A	M A 2 BE 9601
WELLS CHRISTOPHER CHARLES 481 PRINCE ARTHUR ST W 281 RUSSELL HILL ROAD TORONTO 7 ONT	B SC 4 AV 8 7773
WELLS DONALD BEN 1240 DECARIE BLVD MTL 4660 RIVER ST WILLOUGHBY OHIO U S A	MD CM 3 RI 4 0090
WELLS J STEWART 4850 QUEEN MARY ROAD APT 16 MTL ALBERTON P E I	PH D 2 RE 1 1255
WENNBERG JOHN EGMONT 3655 OXENDEN AVE MTL 2347 CASCADE WAY LONGVIEW WIS U S A	MD CM 1
WENTZELL ROBERT LEACY DOUGLAS HALL 23A SOUTH PARK HALIFAX N S	B ENG CIV 5
WERENFELS JUDITH ANN 7 THORNHILL AVE WESTMOUNT QUE	B A 1 WE 5 8086
WERLEMAN MICHAEL GUSTAV 5240 OBRYAN AVE MTL 2767 ST LOUIS ROAD ST FOY QUEBEC CITY QUE	B ARCH 2 DE 4058
WERT LIPE 242 LAURIER AVE WEST APT 2 MONTREAL QUE	B ARCH 3 CR 6 6781
WERTMAN RUTH TOBA 702 DOLLARD BLVD OUTREMONT QUE	B A 4 CR 1 2625
WEST ALICE VIRGINIA BRUCE ROYAL VICTORIA COLLEGE 35 CRESCENT ROAD TORONTO 5 ONT	B A 2 PL 0598
WESTAWAY ANNE WHITLOCK ROYAL VICTORIA COLLEGE 24 AVE CHARLES FLOQUET PARIS 7 FRANCE	B A 2 PL 0334
WESTBURY IAN WALTER 4564 PATRICIA AVE MONTREAL 28 QUE	B C L 1 EL 7855
WESTBURY RONALD ARTHUR 4564 PATRICIA AVE MONTREAL 28 QUE	PH D 4 EL 7855
WESTERVELT RALPH EARL 3586 DUROCHER ST MTL 115 HALCYON HILL ITHACA N Y U S A	MD CM 4 AV 8 7610
WESTMAN HERBERT A J Y M C A DRUMMOND ST MTL 2593 THE FALLS SHAWINIGAN FALLS QUE	B ENG 1
WESTOBY ROBERT ARTHUR 4635 BEACONSFIELD AVE MONTREAL QUE	B ENG 2 HU 1 6388
WESTON CAMILLA ROYAL VICTORIA COLLEGE 1365 BAYVIEW AVE WILLOWDALE ONT	B A 2 PL 0327

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WEXLER MARVIN JOHN 4474 CIRCLE ROAD MONTREAL QUE	B SC 1 RE 8 8224
WEXLER SANDRA 5330 ST URBAIN ST MONTREAL QUE	TCH ELEM 1 CR 9 8607
WEXLER SHEILA 4430 HARVARD AVE MONTREAL QUE	B SC 1 EL 3048
WHALEN JEAN MARIE ROYAL VICTORIA COLLEGE 22 BAILEY ST LAWRENCE MASS U S A	B SC 1 PL 0847
WHALEN JOHN BURTON DOUGLAS HALL 115 HIGHLAND AVE PIEDMONT CALIF U S A	MD CM 1
WHALEY ROBERT LEE 3489 SHUTER ST APT 2 MTL 1737 E 30TH ST TULSA OKLA U S A	MD CM 4 BE 7330
WHEELER CLAIRE MAUREEN ROYAL VICTORIA COLLEGE 71 FERN ST LAWRENCE MASS U S A	B SC 1 PL 0571
WHEELER DONALD ANTHONY W 5126 WEST BROADWAY N D G MONTREAL QUE	B ENG CIV 5 HU 8 3627
WHELAN DONALD THOMAS 4481 WESTERN AVE WESTMOUNT QUE	MD CM 1
WHELAN MARION CHRISTINE MACDONALD COLLEGE 171 LEMARCHANT ROAD ST JOHNS NFLD	B SC P ED 1
WHITE GEORGE FREDERICK DOUGLAS HALL 14 MACKLIN PLACE ST JOHNS NFLD	B ENG MCH 4 RE 0977
WHITE GORDON CRICHTON 3506 UNIVERSITY ST MONTREAL QUE	MUS B 2 RE 0624
WHITE JAMES CAMPBELL DOUGLAS HALL 6 CONLON CRESCENT THOROLD ONT	B ENG 2
WHITE JAMES ROSS MACDONALD COLLEGE BOX 127 ORMSTOWN QUE	TCH INT 1
WHITE JEAN WALCOT MACDONALD COLLEGE 4332 CORONATION AVE MONTREAL 28 QUE	B ED 1
WHITE MICHAEL NEIL DENIS 3633 OXENDEN AVE MTL 20 ROSE PARK CRESCENT TORONTO ONT	B ARCH 3 AV 8 6896
WHITE NANCY JEAN ROYAL VICTORIA COLLEGE 213 KINGSWAY AVE WINNIPEG MANITOBA	B A 1 PL 0597
WHITE NORMAN 5210 CUMBERLAND AVE MONTREAL QUE	B ENG 1 DE 8131
WHITE PETER GERALD 3072 THE BOULEVARD MONTREAL 6 QUE	B A 2 WE 7 6934
WHITE WILLIAM 4516 GIROUARD AVE APT 4 219 HOPE ST N PORT HOPE ONT	M SC 1 HU 9 6308
WHITEHEAD VICTOR MICHAEL 220 LAKESHORE DRIVE DORVAL QUE	MD CM 3 ME 1 3973
WHITEHEAD WILLIAM GRANT 4653 CLANRANALD AVE MONTREAL 29 QUE	B COM 3 DE 7457
WHITING LAURENCE VERNON 1965 CONNAUGHT ST VILLE ST LAURENT QUE	B SC 2 RI 7 7776
WHITING MARY JANE ROYAL VICTORIA COLLEGE POINT OF VIEW OAK RIDGE CONSTANT SPRING P O JAMAICA B W I	B SC N 1 VI 9 0993
WHITMAN GEORGIA ELIZABETH 135 WESTMINSTER AVE MONTREAL WEST QUE	B A 1 EL 9728
WHITNEY ALONZO MANTINEZ 3921 BARCLAY AVE MTL 249 MARGARET ST PLATTSBURGH N Y U S A	D D S 4 RE 1 1245
WHITNEY DONALD DAVID A Y M C A DRUMMOND ST ABBOTSFORD QUE	B C L 1 VI 9 4171
WHITNEY PETER ROBERT P MACDONALD COLLEGE BOX 100 ABBOTSFORD QUE	B ENG 2
WHITSON HELEN ALICE MACDONALD COLLEGE BOX 41 RIVERBEND QUE	TCH ELEM 1
WHITTAKER GERALD FITZROY 3522 PARK AVE MTL 18 FERNANDEZ RD WINDWARD RD P O KINGSTON JAMAICA B W I	B A 2 VI 5 5372
WHITTALL PHILIP 76 ST LOUIS AVE BEAUREPAIRE QUE	B ENG EL 4 OX 5 6148
WHITTEMORE NEWELL BLAIR 3508 UNIVERSITY ST MTL DELOW ONT	MD CM 2 BE 0752
WHYLIE MARINA ELOISE ROYAL VICTORIA COLLEGE 34 COLLINS GREEN AVE CROSS ROADS JAMAICA B W I	B SC 4 PL 0847
WHYTE BARBARA ANN 63 BELMONT AVE VALOIS QUE	TCH INT 2 OX 7 1946
WICKENDEN JOHN FRENCH 3434 MCTAVISH ST MTL 363 ST FRANCOIS XAVIER TROIS RIVIERES QUE	B ENG CIV 4 PL 4492
WICKENS GENEVIEVE MAE MACDONALD COLLEGE R R 2 SHAWVILLE QUE	TCH ELEM 1
WIEBE LYDIA 3445 PEEL ST MTL BOX 234 STEINBACK MAN	GR N CERT 1 VI 5 9462
WIEGAND FREDERICK MARTIN 3532 LORNE AVE MTL MONTREAL QUE	MD CM 2 RE 6752
WIENER MORTON 5602 DUNMORE AVE MONTREAL QUE	B ENG 1 RE 7 4333
WIENS RODNEY DAVID 3578 DUROCHER ST MTL 701 E PUTNAM PORTERVILLE CALIF U S A	MD CM 1 VI 5 6739
WIESENFELD BARRY JOSEPH 4055 GREY AVE MONTREAL 28 QUE	B ENG 2 EL 7591
WIESENFELD MARCUS JACOB 4055 GREY AVE MONTREAL 28 QUE	B C L 2 EL 7591

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WIGHT KRINGEN MARGARET 4300 KING EDWARD AVE N D G MONTREAL QUE	PHYSIOTH 1 EL 9990
WIGHT ROBERT EARLE 5901 HUTCHISON ST MTL 73 PRINCE ST SAINT JOHN WEST N B	MUS B 3 CR 7 8963
WIGHTON DONALD GORDON 4322 OXFORD AVE MONTREAL QUE	B COM 3 HU 1 6501
WIGRAM PETER HALLAM 1455 DRUMMOND ST APT 709 CORNER HOUSE WOODSTOCK OXFORD ENGLAND	B A 1 VI 5 4512
WILANSKY DOUGLAS LEO 4050 ST CATHERINE ROAD MONTREAL QUE	MED DIPL 4 RE 7 6291
WILANSKY MELVIN 345 DUFFERIN ROAD MONTREAL QUE	B COM 2 DE 6365
WILBY ELAINE JOAN MACDONALD COLLEGE 7551 QUERBES AVE MONTREAL 15 QUE	TCH INT 1
WILCOCK JOHN BRIAN 3445 PEEL ST MTL 512 QUEBEC ST SHERBROOKE QUE	D D S 3 VI 5 9462
WILCOCK PETER FERGUSON 3445 PEEL ST MTL 512 QUEBEC ST SHERBROOKE QUE	MD CM 3 VI 5 9462
WILKER LILIAN BLANCHE 4350 ST KEVIN AVE MONTREAL 26 QUE	B A 2 RE 3 1720
WILKIE DONALD BRUCE 531 LANSDOWNE AVE WESTMOUNT QUE	B C L 1 WE 3 9683
WILKINS PETER ANTHONY 145 48TH AVE LACHINE QUE	B ENG CIV 5 ME 7 2665
WILKINSON DAVID 8324 DE GASPE AVE MONTREAL QUE	PARTIAL DU 7 3005
WILKINSON HOWARD EMERSON 148 PERCIVAL AVE MONTREAL WEST QUE	B ENG EL 3 HU 9 2807
WILKINSON JOAN MARJORIE 5151 EARNSCLIFFE AVE MONTREAL QUE	B SC 1 HU 1 2207
WILLCOX CAROLE YVETTE 184 STANLEY ST ST LAMBERT QUE	B SC 4 OR 1 3324
WILLIAMS CELESTINE B MACDONALD COLLEGE ARIAPITA ROAD ST ANNS PORT OF SPAIN TRINIDAD B W I	B SC AGR 1
WILLIAMS CLINTON GEORGE 3433 HUTCHISON ST MTL 21 LINCOLN AVE WHITFIELD TOWN JAMAICA B W I	B ENG PWR 5 AV 8 4790
WILLIAMS DAPHNE HYACINTH ROYAL VICTORIA COLLEGE 2 ELGIN ROAD CROSS ROADS P O JAMAICA B W I	B SC 1 PL 0829
WILLIAMS DAVID ARNOTT 3975 CAVENDISH BLVD APT 62 MONTREAL QUE	B SC 2 HU 9 2871
WILLIAMS DAVID HOTHERSALE 3656 DUROCHER ST APT 2 SANTARESIA ESTADO DO RIO BRAZIL	B COM 2
WILLIAMS ELDON STEPHEN V 3525 UNIVERSITY ST MTL CASTRIES ST SCARBOROUGH TOBAGO B W I	MD CM 2
WILLIAMS FRANCIS IAN B WILSON HALL KNAPTON HILL SMITH S PARISH BERMUDA	B SC 4 RE 0624
WILLIAMS GERALD BARRY M 3653 UNIVERSITY ST MONTREAL QUE	B COM 2 PL 2073
WILLIAMS HALLOCK 1500 DECARIE BLVD APT 33 MONTREAL 9 QUE	MD CM 1 RI 8 9124
WILLIAMS JAMES GERALD MACDONALD COLLEGE SITE 6 BOX 22 KILBRIDE ST JOHNS W NFLD	B SC AGR 3
WILLIAMS ROBERT OWEN 434 MERCILLE AVE ST LAMBERT QUE	B COM 2 OR 1 7818
WILLIAMS RUSSEL MILES 23 WINDSOR AVE WESTMOUNT QUE	B ENG CH 3 EL 8185
WILLIAMS THOMAS ROBERT 418 MORTLAKE AVE ST LAMBERT QUE	B SC 2 OR 1 5157
WILLIAMSON KATHLEEN ELENA ROYAL VICTORIA COLLEGE APARTADO 3478 HABANA CUBA	B A 1 PL 0829
WILLIAMSON MICHAEL JOHN 3434 MCTAVISH ST MTL BOX 3478 HAVANA CUBA	B ENG 2 PL 4492
WILLIS CARL BERTRAM MACDONALD COLLEGE CORNWALL P E I	B SC AGR 3
WILLMOTT PATRICIA ANN 7820 DE L EPEE AVE APT 1 MONTREAL QUE	CR 2 7640
WILLMOTT WM E 7820 DE L EPEE AVE APT 1 MONTREAL QUE	M A 1 CR 2 7640
WILSDON JOHN ROBERT DOUGLAS HALL 135 HYDE PARK AVE HAMILTON ONT	B COM 3
WILSON BESSIE BELLE 3741 HUTCHISON ST MTL 11143 81ST AVE EDMONTON ALTA	GR N CERT 1 VI 5 5975
WILSON CYNTHIA VIOLET 52 PRINCE ARTHUR ST W APT 23 MONTREAL QUE	M SC 3 AV 8 0919
WILSON DONN KEVIN 714 48TH AVE LACHINE QUE	M COM 2 ME 4 1157
WILSON ELIZABETH VICTORIA 1640 LAJOIE AVE OUTREMONT QUE	M A 1 CR 2 6467
WILSON FREDERICK CHARLES 3300 RIDGEWOOD AVE APT 4B MONTREAL QUE	M A 1 RE 3 7362
WILSON GRANT EDWARD 2111 BELLECHASSE APT 5 MONTREAL QUE	D ENG 1 CR 1 1503
WILSON HALFORD MORRIS 7480 GLENWOOD AVE MONTREAL QUE	B ENG 1 RE 8 9588
WILSON HUGH JAMES 110 CLOVERDALE AVE DORVAL QUE	B COM 2 ME 1 3292

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WILSON JOCELYN ROYAL VICTORIA COLLEGE 149 BROWNSBURG ROAD LACHUTE QUE	B A 3 PL 0598
WILSON PHYLLIS GRACE MACDONALD COLLEGE KEMPTVILLE ONT	B SC H EC 1
WILSON ROBERT ALTON 3543 LORNE AVE MTL BOX 277 NORANDA QUE	B ENG 1 VI 9 9892
WILSON ROBERT A 583 STANSTEAD AVE TOWN OF MT ROYAL QUE	B COM 4 RE H 1856
WILSON ROLLA ELLA 1820 MCGREGOR ST APT 310 MONTREAL QUE	MED DIPL 3 WE 5 7343
WILSON RONALD GORDON MACDONALD COLLEGE BOX 217 SHAWVILLE QUE	B SC AGR 1
WILSON SHERRILL JOAN 161 LOGAN ST ST LAMBERT QUE	TCH ELEM 1
WILSON SUSAN ANN 7460 GLENWOOD AVE MONTREAL QUE	B SC 2 RE H 9588
WILSON THOMAS EMBERLEY 114 DUFFERIN ROAD HAMPSTEAD QUE	B ENG 2 EL 2221
WILSON WILLIAM HENRY M 110 MONTROSE AVE VALOIS QUE	B ENG 1 OX 5 5128
WILSON WILLIAM STEVENSON 227 STRATHEARN AVE MONTREAL WEST QUE	B ENG MET 5 HU 1 4014
WIMER RICHARD EARL 3456 SHUTER ST APT 17 450 NORTH TWELFTH ST SAN JOSE CALIF U S A	PH D 3
WINDISCH STEPHEN JOHN 10318 ESPLANADE MONTREAL 12 QUE	B ENG 2 DU H 0653
WING MARY JEAN 6527 MERTON ROAD MTL 249 LANSDOWNE ST KAMLOOPS B C	GR N CERT 1 HU H 0225
WINKLER CAROLE CHRISTINE 141 EASTON AVE MONTREAL 28 QUE	B SC 2 EL 1H67
WINSHIP ANN MACDONALD COLLEGE CALLE ROUSSEAU 26 MEXICO 5 D F MEXICO	B SC H EC 3
WINSHIP RALPH DAVID 64 ROY AVE VILLE LE MOYNE QUE	PH D 2
WINTER JACK SAMUEL 4620 PLAMONDON APT 9 MONTREAL QUE	M A 1 RE 1 2887
WISE FLORRIE NAOMI A 6300 LENNOX AVE APT 909 MONTREAL QUE	PARTIAL RE 7 9235
WISE RICHARD MARTIN 5006 DORNAL AVE MONTREAL QUE	B COM 1 RE H 5155
WISEBERG MORTY 2660 BRINTON ROAD MONTREAL QUE	B ENG 1 RE 1 4045
WISEMAN FRED 4718 CARLTON AVE MONTREAL QUE	B SC 2 RE 3 5549
WISEMAN MARIE 3469 NORTHCLIFFE AVE MONTREAL QUE	B SC 4 EL 8320
WISEMAN MIRIAM H 77 HARCOURT TERRACE LONDON S W 10 ENGLAND 490 BIRROWS AVE WINNIPEG 4 MAN	PH D 3
WISEMAN PHILIP NATHAN 77 SPRING GROVE CRESCENT MONTREAL QUE	B COM 1 CR 2 4923
WISEMAN ROWENA RIVKA 3235 RIDGEWOOD AVE APT 503 MTL 694 MCINTYRE ST W NORTH BAY ONT	M SC 1 RE 3 0228
WITELSON HENRY 3107 LACOMBE AVE MONTREAL QUE	B SC 3 RE 3 1808
WITHERELL FAYETTE ROYAL VICTORIA COLLEGE WHIPPLEVILLE ROAD MALONE N Y U S A	MUS B 1 VI 9 0993
WITTEK MARGARET ANN ST GEORGE ST STE ANNE DE BELLEVUE 1254 MACKAY ST MONTREAL QUE	TCH ELEM 1
WITTENBERG ALICE SANDRA 758 LEXINGTON AVE WESTMOUNT QUE	B A 1 EL 6249
WITTKOWER SYLVIA DOROTHY 363 CLARKE AVE WESTMOUNT QUE	B A 3 WE 3 8166
WOHL SHEILA 43 PERREAULT STE ANNE DE BELLEVUE 6521 MERTON ROAD COTE ST LUC MONTREAL QUE	TCH ELEM 1
WOJCICKI RICHARD FRANK 5300 17TH AVE APT 5 MONTREAL 36 QUE	B ENG 2 RA 1 6880
WOJTOWICH BOHDAN EDWARD 534 SENECAL VILLE LA SALLE QUE	B ENG EL 4 PO 6 7898
WOLANYK MICHAEL ALEXANDER 1152 MANNING AVE VERDUN QUE	B ENG CH 3
WOLF KARL GEORGE 5645 15TH AVE MONTREAL 36 QUE	B A 2 RA 7 8571
WOLF LIESELOTTE 1420 PINE AVE W MONTREAL QUE	B N 2 AV 8 8347
WOLFE AUDREY ANNE 355 GROSVENOR AVE WESTMOUNT QUE	PHYSIOTH 2 WE 7 1988
WOLFE HARVEY 6283 DE VIMY AVE MONTREAL QUE	B ARCH 6 RE 8 9952
WOLFE IRVING 4872 JEAN BRILLANT MONTREAL QUE	M A 2 RE 7 5418
WOLFE IRWIN 4852 JEAN BRILLANT AVE MONTREAL 26 QUE	B SC 2 RE 7 5415
WOLFE NATHAN 4872 JEAN BRILLANT ST MONTREAL QUE	B ENG MCH 4 RE 7 5418
WOLFE SARAH MERIAM 786 UPPER BELMONT AVE WESTMOUNT QUE	B A 4 EL 3302

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WOLFOND PHYLLIS ANNETTE ROYAL VICTORIA COLLEGE 21 STUART ST GUELPH ONT	B A 3
WOLKOVE MIRIAM 6 MONTEE ST MARIE STE ANNE DE BELLEVUE 5343 ST URBAIN ST MONTREAL QUE	TCH ELEM 1
WOLOFSKY JUDAH LYON 4163 ESPLANADE AVE MONTREAL 18 QUE	B C L 3 BE 3859
WOLOSHEN JACOB 3483 PEEL ST MTL 806 MONK AVE QUEBEC CITY QUE	B A 2 PL 0882
WONG CHI LOONG 3690 JEANNE MANCE ST MTL 11 DRAGON TERRACE CAUSEWAY BAY HONG KONG	B ENG MI 5
WONG CLIFFIN C F THOMAS 4825 COTE ST CATHERINE APT 21 MONTREAL QUE	B ARCH 4 RE 1 1660
WONG DONALD 3471 CITY HALL AVE MTL 359 ALEXANDER AVE WINNIPEG MAN	B ENG EL 4 BE 0274
WONG DOUGLAS GRANT 3477A HUTCHISON ST MTL 165 GLOUCESTER ST OTTAWA 4 ONT	D D S 2 VI 5 4861
WONG HARRY 2073 TUPPER ST MONTREAL QUE	B ENG 2 WE 5 1507
WONG KIN LAE WILSON 3529 HUTCHISON ST MTL 53 CHATHAM ROAD HONG KONG	B ENG CH 4
WONG MARCUS YAU KEE WILSON HALL 320 KING S ROAD 3RD FLOOR NORTH POINT HONG KONG	B SC 2
WONG SAU WAI 3631 LORNE CRESCENT MTL 7 COMFORT TERRACE KINGS ROAD HONG KONG	B ENG CH 3
WONG WILLIAM 3579 SHUTER ST MTL 1466 W 45TH ST LOS ANGELES 62 CALIFORNIA U S A	B ENG CH 3 VI 9 8287
WONG YEE CHOI 3617 LORNE CRES APT 4 153 NANCHONG ST KOWLOON HONG KONG	B ENG EL 4
WOO ARTHUR JAMES BOX 354 STATION B MTL 55 CONDUIR ROAD HONG KONG	MD CM 1
WOOD BARBARA MARY E ROYAL VICTORIA COLLEGE 37 ESDRAS PLACE RIVERSIDE ONT	B SC 3
WOOD CHARLES LEONARD 990 47TH AVE LACHINE QUE	B ENG 2 ME 7 0923
WOOD JAMES MICHAEL P 3434 MCTAVISH ST MTL GENERAL BORGONS 140 MIRAFLORES LIMA PERU	B ENG EL 3 PL 4492
WOODFORD VERNON RICH 3615 UNIVERSITY ST MTL 2010 WIGGINS AVE SASKATOON SASK	PH D 4 BE 0888
WOODHAMS GEORGE DOUGLAS 3473 UNIVERSITY ST MTL 84 NORTH ST HALIFAX N S	B D 2
WOODLEY JANET ELIZABETH 495 PRINCE ARTHUR ST W KNOWLTON QUE	M A 2 VI 5 1990
WOODS STEPHEN FRANCIS R 30 EASTON AVE MONTREAL WEST QUE	B A 1 DE 5737
WOODWARD DOUGLAS ANDREW 62 THURLOW ROAD MONTREAL 29 QUE	B ENG MCH 4
WOOLSEY BEATRICE ROSE G ROYAL VICTORIA COLLEGE 161 CLINTON ST BROOKLYN 1 N Y U S A	B A 2 VI 7 0927
WOONTON ELIZABETH M L 7400 DE TILLY ST TOWN OF MT ROYAL QUE	B A 1 RE 7 3085
WORKMAN GAIL FLORA 6295 LENNOX AVE MONTREAL QUE	M S W 2 RE R 2323
WORTZMAN GEORGE 5625 RAND ST MONTREAL 29 QUE	MED DIPL 3 HU 1 8050
WRAY ROBERT JOHN DOUGLAS HALL EAST SULLIVAN MINES VAL D OR QUE	B SC 1
WREN SIMON FRANCIS GEORGE DOUGLAS HALL	B SC 4 BE 0977
WRIGHT CAROLYN WENDY 572 CLAREMONT AVE WESTMOUNT QUE	B A 4 EL 2750
WRIGHT DONALD ARTHUR 4920 CIRCLE ROAD MONTREAL QUE	B COM 4 HU 1 5949
WRIGHT EARLE STANLEY 3646 LORNE CRESCENT APT 1 MONTREAL QUE	MD CM 4 VI 5 3677
WRIGHT ELSPETH CAMPBELL ROYAL VICTORIA COLLEGE P O BOX 125 HUDSON HEIGHTS QUE	PHYSIOTH 4
WRIGHT GORDON EDWARD Y M C A 1441 DRUMMOND ST R R 3 STANBRIDGE EAST QUE	B SC 4 VI 9 4171
WRIGHT HARVEY 1507 EMILE BROSSEAU STATION QUE	B ENG 1 OL 9 1506
WRIGHT JOHN DUMBRILLE 5 NORMANDY DRIVE MONTREAL 16 QUE	B ENG 1 RE 1 2667
WRIGHT WILMA ANN 385 MILTON ST APT 102 696 GEORGE ST N PETERBOROUGH ONT	M A 2 BE 4335
WRIGLEY FREDERIC ROBERT H ROYAL VICTORIA HOSPITAL 46 ONSLOW GARDENS LONDON N 10 ENGLAND	MED DIPL 2
WU EDWIN CHUNG WAI 3528 JEANNE MANCE ST MTL 11A SAN WAI ST KOWLOON HONG KONG	B ENG MCH 4 BE 5537
WULLNER RONALD 346 HAWTHORNE AVE LONGUEUIL QUE	B ENG CIV 5 OR 4 4148
WURM VERA 3295 RIDGEWOOD AVE APT 15 MONTREAL QUE	B A 3 RE 3 8406

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WYANT JOHN DEREK 4343 MAYFAIR AVE N D G MONTREAL QUE	B SC 4 DE 0964
WYGNANSKI JERZY ISRAEL 2795 DARLINGTON PL MTL 117 WEIZMAN ST TEL AVIV ISRAEL	B ENG 2 RE 3 6815
WYLLIE MARJORIE JEAN MCLENNAN HALL 98 RIDGE ROAD HUDSON QUE	PHYSIOTH 2 PL 0044
WYNANDS JOHN EARL 7022 SOMERLED AVE N D G MONTREAL QUE	MED DIPL 3 HU 1 5471
WYNTER DOUGLAS RANDOLPH 3508 DUROCHER ST MTL 28 COLLINS GREEN AVE CROSS ROAD JAMAICA B W I	B SC 3 MA 4352

X

XISTRIS GEORGE 6085 DUROCHER AVE OUTREMONT QUE	B ENG MCH 4 CR 6 8803

Y

YAMADA JOSHUA J 3425 UNIVERSITY ST MTL 383 JONES AVE TORONTO 6 ONT	PH D 2
YAMPOLSKY SAMUEL HAROLD 4636 HUTCHISON ST MONTREAL QUE	B ENG 2 CR 9 7549
YAN NANCY 1529 CEDAR AVE MTL 601 HURON ST TORONTO ONT	GR N CERT 1 PL 4464
YAN YUEN CHEONG 1441 DRUMMOND ST MTL 25 5 DRAGONTERRACE CAUSEWAYBAY HONG KONG	B COM 2
YANE EVELYNN SANDRA 5165 PRINCE OF WALES N D G MONTREAL QUE	TCH ELEM 1 HU R 8308
YANOSKO ALICE MARGARET ROYAL VICTORIA COLLEGE 241 GAY LUSSAC ST ARVIDA QUE	B SC 3 PL 0625
YAPHE ANDREA 570 LAKESHORE ROAD BEAUREPAIRE QUE	B A 3 ME 1 5831
YAPP PETER RAYMOND 200 KENSINGTON AVE APT 302 WESTMOUNT QUE	B ENG MCH 3 WE 5 7047
YAROSKY HARVEY WILLIAM 1336 LAJOIE ST MONTREAL QUE	PH D 3 CR 4 5094
YAROVSKY JAMES LOUIS 6049 COLUMBIA AVE HAMMOND INDIANA U S A	PARTIAL
YARRIS JOSEPH EDWIN 3415 DUROCHER ST APT 5 MONTREAL QUE	MD CM 4
YATES BARBARA ANN MACDONALD COLLEGE P O BOX 172 DUNHAM QUE	TCH ELEM 1
YAU MICHAEL YUK MAN Y M C A 1441 DRUMMOND ST 24 A SHAN KWONG ROAD HONG KONG	B ENG 2 VI 9 4171
YAUCK EDEL 300 SHERBROOKE ST W MTL BOX 14 CYMRIC SASK	D D S 3 AV R 6017
YEE HENRY 460 CRAIG ST E MONTREAL QUE	B ENG 1 VI 9 0057
YEE KEOW KENNETH 3530 DUROCHER ST APT 20 FRANKFIELD P O JAMAICA B W I	B SC 3 PL 4720
YELIN FRANK SHEPHERD 660 LANSDOWNE AVE MONTREAL QUE	B SC 2 HU R 8030
YEOMANS JOHN NELSON 1075 HARVARD AVE N D G MONTREAL QUE	B ENG EL 4 DE 1689
YEP RICHARD DUCK S 116 LAGAUCHETIERE ST W MONTREAL QUE	B ENG EL 4 UN 1 5056
YETTER ALLAN SHERWOOD 3490 HUTCHISON ST MTL 1011 UNIVERSITY AVE ROCHESTER N Y U S A	B ENG 2
YEUNG YIN CHING 3536 DUROCHER ST APT 5 MONTREAL QUE	MED DIPL 1 BE 0717
YIP SUEY WING 3528 JEANNE MANCE ST MONTREAL QUE	B ENG CH 5 BE 5537
YONG RAYMOND 550 MILTON ST MONTREAL QUE	PH D 1 PL 7544
YOUDELLS WILLIAM V 2039 UNIVERSITY ST APT 21 MTL 12404 ST ALBERT ROAD EDMONTON ALTA	PH D 3 BE 7703
YOUKILIS MELVYN GARY 5400 RANDALL AVE MONTREAL QUE	B SC 2 DE 0174
YOUNG ANNE WALLACE 584 WALPOLE AVE MONTREAL 16 QUE	B A 1 RE R 0985
YOUNG DANIEL JOACHIM 542 SHERBROOKE ST W MTL 12 MING YUEN ST W 1ST FLOOR NORTH POINT HONG KONG	B ENG 1 BE 0318
YOUNG DAVID DONALD 420 4TH AVE VERDUN QUE	B ENG CIV 3 PO 9 2900
YOUNG GEORGE WILLIAM D 7813 STUART MONTREAL QUE	B SC 2
YOUNG GIBSON WARD WILSON HALL WATED HAZARD RIDDELLS BAY WARWICK BERMUDA	B SC 1
YOUNG HORACE OSWALD R 1001 SHERBROOKE ST W MTL 10 SCOTT BUSHE ST PORT OF SPAIN TRINIDAD B W I	B SC 4 BE 0811
YOUNG MANUEL 6405 DE VIMY AVE MONTREAL QUE	B A 1 RE 3 8152
YOUNG ROBERT EDGAR 4563 KENSINGTON AVE MONTREAL 28 QUE	B ENG 2 EL 2849
YOUNG WILLIAM ARMSTRONG 3508 UNIVERSITY ST MTL 1105 LAURENTIDE AVE QUEBEC CITY QUE	B A 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
YOUNG YUET MING ANNIE ROYAL VICTORIA COLLEGE 58 CONNAUGHT ROAD WEST HONG KONG	B SC 2 PL 0847
YOUNGER JAMES DAVID 3605 UNIVERSITY ST MTL RIDGE ROAD RAMSAYVILLE ONT	B ENG CH 5 AV 8 0643
YOUNGER ROBERT ARCHIBALD 3950 CAVENDISH BLVD APT 37 MONTREAL QUE	PARTIAL EL 4252
YOVETICH WILLIAM STEVEN WILSON HALL 112 TORRANCE CRESCENT FORT ERIE ONT	B SC 2 BE 6074
YU CHUNG KAJ CHO PUI 3617 LORNE CRES APT 4 86 TUNG LO WAN ROAD HONG KONG	B ENG MCH 3
YUDKOVITCH ISSIE PHILIP 161 FAIRMOUNT AVE W MONTREAL QUE	B ENG 1 CR 2 5084
YUEN AUDREY PIK SAI ROYAL VICTORIA COLLEGE 75 REPULSE BAY ROAD HONG KONG	B ARCH 4 PL 0327
YULE ELIZABETH ANN MACDONALD COLLEGE 7290 TWENTIETH AVE MONTREAL 38 QUE	B ED 1
YUSKA SAMUEL 475 PINE AVE W MTL 70 ST CLAIR AVE HAMILTON ONT	B ENG MCH 5 BE 4270

Z

ZACKON DAVID LYON 5609 RAND AVE COTE ST LUC QUE	B ENG EL 3 HU 1 2927
ZAFRAN MORTY 1335 VAN HORNE AVE MONTREAL QUE	B ENG 2 CR 6 5276
ZAHARIA WILLIAM 3524 DUROCHER ST MTL BUCHANAN SASK	PH D 3 AV 8 4490
ZAITLIN BERNARD JOEL 5024 GROSVENOR AVE N D G MONTREAL QUE	B ENG EL 4 RE 8 7420
ZANYI ZOLTAN 2061 DORCHESTER ST W MONTREAL QUE	B A 2 WE 3 0181
ZARKADAS CONSTANTINOS MACDONALD COLLEGE 70 MESSOGION ST AMAROUSION ATHENS GREECE	B SC AGR 1
ZAVALA LUIS ALBERTO MACDONALD COLLEGE BOLOGNESI 660 LIMA PERU	AGR DIP 2
ZAVALKOFF RUTH 499 OUTREMONT AVE OUTREMONT QUE	B A 2 CR 1 2044
ZEBERIO JUAN MIGUEL 2309 OXFORD AVE N D G MONTREAL QUE	B ENG CIV 4 HU 1 6550
ZEGRAY MAURICE 118 PERRON ST BROSSEAU STA 21 GANNON ST GLACE BAY N S	B A 3 OL 9 0192
ZEIGLER BERNARD 1962 ST GERMAIN BLVD VILLE ST LAURENT QUE	B ENG 1 RI 4 4489
ZEISLER BETTY CLAIRE 556 GROSVENOR AVE WESTMOUNT QUE	B SC 1 WE 7 1310
ZELENKA MARIA 3465 SIMPSON ST MONTREAL QUE	B ENG 2 WE 5 0333
ZELIKOVITZ LAURA EILEEN 124 BEVERLEY AVE TOWN OF MT ROYAL QUE	B A 1 RE 7 7482
ZELKO DANIEL MILAN 1345 DECARIE BLVD APT 32 442 GRANT AVE VERONA PA U S A	MD CM 2
ZELNICKER SANDRA SARAH 709 STUART AVE MONTREAL QUE	B SC 2 CR 7 1635
ZELNICKER SIDNEY 8145 L ACADIE BLVD APT 5 MONTREAL QUE	B ENG 1 CR 9 0767
ZEMEL HENRY 430 OUTREMONT AVE MONTREAL QUE	B SC 4 CR 2 7588
ZIELINSKI ZYGMUNT 419 PRINCE ARTHUR ST W MONTREAL QUE	B ENG 1 VI 5 1088
ZIENIUS RAYMOND HENRY 3767 HOCHELAGA ST MONTREAL 4 QUE	PH D 2 CL 9 8063
ZIGBY JEAN PAUL 3315 MAPLEWOOD AVE APT 12 MTL 315 ST JEAN ST GRANBY QUE	B C L 2 RE 3 3486
ZIKMAN JERROLD MALCOLM 5035 CORONATION AVE MONTREAL 29 QUE	B A 1 DE 8787
ZIMAKAS WILLIAM BASIL 763 MARLBORO ROAD TOWN OF MT ROYAL QUE	D D S 3 RE 3 3998
ZINCK NANCY LEA ROYAL VICTORIA COLLEGE 159 LINCOLN ST LUNENBURG N S	PHYSIOTH 3 PL 0526
ZINKANN MARY CATHARINE ROYAL VICTORIA COLLEGE 737 KING ST W KITCHENER ONT	PHYSIOTH 4 PL 0477
ZINNA ROSARIO FEDERICO 3504 PARK AVE APT 10 MONTREAL QUE	MED DIPL 3
ZINNER RONALD JOSEPH 545 PINE AVE W MTL 8330 W FIRST ST LOS ANGELES CALIF U S A	MD CM 3 VI 9 1545
ZIVE SYLVIA BARBARA ROYAL VICTORIA COLLEGE 112 CAMBRIDGE ST HALIFAX N S	B A 4 PL 0327
ZLOKLIKOVITS HERMAN J 3472 MCTAVISH ST MTL 1941 SPRUCE ST PRINCE GEORGE B C	D D S 3 VI 5 8001
ZLOTNIK ISRAEL 5347 ST URBAIN ST MONTREAL QUE	B COM 2 CR 6 1910
ZNAJDA JAMES PAUL 7713 CENTRAL ST MONTREAL 32 QUE	PARTIAL PO 7 4180
ZOLLMANN ZVI PAUL 7241 FIELDING AVE APT 305 N D G MONTREAL QUE	B ENG PHY 3 HU 9 1580
ZOMMERS OSVALDS 400 PRINCE ARTHUR ST W APT 5 MONTREAL 18 QUE	B ENG COM 5 VI 5 5650

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ZORZI WALTER JOSEPH 1601 PEEL ST ST EUSTACHE SUR LE LAC QUEBEC	B ENG 1
ZSIRAI ANDREW DOUGLAS HALL HUNGARY	B ENG 2 AV H 1854
ZSOMBOR MURRAY PAUL J 7463 DE L EPEE MTL P O BOX 36 BROWNSBURG QUE	B ENG MCH 5 CR 2 1495
ZUCKER IRVING 229 ST VIATEUR ST W MONTREAL QUE	B SC 1 CR 7 0459
ZUCKERMAN PAULINE 3417 SHUTER ST MONTREAL QUE	B L S 1
ZUCKERMAN WALLACE HOWARD 7548 PARKDALE CLAYTON MO U S A	D D S 2
ZUK LUBOMYRA 3430 CITY HALL AVE MONTREAL QUE	PARTIAL VI 5 1549
ZUKERMAN FLORA 6 MONTEE ST MARIE STE ANNE DE BELLEVUE 3851 MACKENZIE ST MONTREAL QUE	TCH ELEM 1
ZUKERMAN HAROLD 5071 KENSINGTON AVE MTL 136 BANNERMAN AVE WINNIPEG MAN	M S W 2
ZUKERMAN NORMA 5071 KENSINGTON AVE MTL BOX 149 CRYSTAL CITY MAN	M S W 1
ZURIF EDGAR BASIL 4813 LACOMBE AVE MONTREAL QUE	B ENG 2 RE 7 0762
ZWAIG MARILYN SYLVIA 8232 WISEMAN AVE MONTREAL QUE	TCH ELEM 1 CR 7 6943

McGILL UNIVERSITY LIBRARY

IxM .C

465977 1958-59